## AUTHOR INDEX Volume 119 (JANUARY-JUNE, 2001)

Aalbers, René, 309 Abdelaal, Mohammed A., 968 Abo, Miki, 670 Ackerson, Lvnn, 603 Adair, Norman, 788 Aggarwal, Anjana, 1489 Agnelli, Giancarlo, 176S, 253S Agostini, Carlo, 1930 Ahmed, Shahid, 307 Ahmed, Ziauddin, 1622 Aittokallio, Tero. 37 Aizawa, Yoshifusa, 1606 Akkermans, Reinier P., 1306 Aktas, Oguz, 632 Albers, Garv M., 1480 Albers, Gregory W., 194S, 300S Albert, Richard K., 1056 Alexopoulos, George P., 1173 Alghadban, Adnan, 285 Ali, Juzar, 947 Allen, Paul D., 1123 Almeida, João, 310, 1347 Alpert, Joseph S., 1632, 220S Alpert, Martin A., 507, 1617 Alvarez, Francisco, 1968 Alvarez, Teresa, 1434 Alvarez-Puebla, María J., 120 Amakawa, Kazuhisa, 1724 Amar, David, 1476 Amarenco, Pierre, 300S Amaya-Villar, Rosario, 1461 Ambrosino, Nicolino, 1696 Amer, Emad, 647 Amirav, Israel, 1878 Anand, Sonia S., 64S Ananthasubramaniam, Karthik, 478 Anastasiou-Nana, Maria I., 1173 Ancoli-Israel, Sonia, 1623 Anderson, David R., 8S, 22S Anderson, Deborah L., 1079 Anderson, Frederick A., Jr., 132S Anderson, Karen R., 402 Anderson, Sandra D., 414 Ando, Shin-ichi, 1827 Andreoli, Angela, 1409 Andrew, Maureen, 344S Angel, Karen C., 1676 Anikster, Yair, 394 Anis, Aslam H., 1151 Ansell, Jack, 8S, 22S Ansó, Sara, 1434 Antonangelo, Leila, 204, 1516 Aoki, Yoshinori, 1606 Appelbaum, Liat, 1801 Arai, Tadashi, 660 Aramburu-Bodas, Oscar, 992 Arnulf, Isabelle, 387 Arora, Pratheep, 502 Arora, Sunil K., 1737 Arroliga, Alejandro C., 530, 1489 Arvis, Pierre, 185 Ashitani, Jun-ichi, 1131 Ashley, Pandora, 317 Ater, Dorit, 409 Atlas, Glen, 319 Attali, Valérie, 1274 Atwood, J. Edwin, 1933 Ault, Mark, 580

Ausina, Vicente, 243 Avila, Nilo A., 394 Awe, Robert J., 1730 Aytemur, Zeynep Ayfer, 726 Azar, Rabih R., 287

Bacci, Elena, 1671 Bach, Peter B., 1190 Badia, Joan Ramón, 442 Bakhtawar, Iram, 1966 Balasia, Beth, 1778 Baldauf, Mary, 1166 Ballester, Eugeni, 442 Baltzer, Jeffrey W., 1615 Bang, Didi, 844 Banik, Norbert, 737 Bansal, Sharad, 271 Baquera-Heredia, Javier, 292 Barankay, Andreas, 31 Bar-El, Yaron, 511 Barrett, Terrence A., 1043 Barst, Robyn J., 1980 Bartlett, Robert H., 515 Bartoli, Maria Laura, 1671 Baum, Gerald L., 322 Baumann, Michael H., 590 Bax, Jeroen J., 144 Baz, Maher A., 224 Beattie, John N., 478 Becker, Bernhard F., 31 Becker, Bradley A., 1480 Becker, Heinrich D., 1910 Bednarek, Michał, 731 Behnia, Mehrdad, 281 Belda, Jose, 1011 Belecanech, George A., 1001 Bellemare, François, 376 Bellemare, Jean-François, 376 Bellia, Vincenzo, 1685 Benayoun, Serge, 85 Bendayan, Daniel, 1647 Bendayan, Daniell, 1801 Benditt, Joshua O., 1056 Benfield, Thomas L., 844 Berber, Arturo, 1742 Berger, Peter, 321S Berry, Michael J., 70 Bhalla, Ashish, 1288 Bhuiya, Tawfiqul Alam, 307 Bianchi, Luca, 1696 Bibi, Haim, 409 Bielawski, Bret C., 1250 Bigatello, Luca M., 128 Bijl-Hofland, Ingrid D., 1306 Bimle, Colleen, 1749 Binias, Karl-Heinz, 485 Blais, Régis, 1316 Blajchman, Morris A., 1850 Blanco, Silvia, 243 Block, A. Jay, 321 Bock, Naomi N., 833 Boersma, Eric, 144 Bohan, Amy E., 422 Bohan, Michael J., 470 Bohuslavizki, Karl H., 950 Bolliger, Chris T., 838 Bollmann, Andreas, 485

Bonnette, Pierre, 1469 Bonsignore, Giovanni, 1685 Boonstra, Anco, 1761 Borzak, Steven, 478 Bouchard, Jacques, 1316 Boueri, Fernanda M. V., 77 Boulet, Louis-Philippe, 987, 1316 Bouros, Demosthenes E., 679, 1260 Boushey, Homer A., 1027 Bovill, Edward, 344S Bowles, B. Jason, 25 Boyle, Michael P., 1283 Bradley, T. Douglas, 1827 Branca, Paul, 537 Brancaleone, Pierre, 762 Brantly, Mark, 394 Braun, Siegmund L., 31 Braunstein, Glenn D., 580 Bregman, Zachary, 978 Brenner, Matthew, 1300 Breuer, Christian, 977 Briche, Thierry, 1282 Brichon, Pierre-Yves, 1469 Brijker, Folkert, 1820 Britton, John R., 105 Broccard, Alain, 1619 Brochhagen, Hans Georg, 961 Brooks, Dina, 256, 353 Broughton, William A., 1287 Brower, Roy G., 1978 Brown, Cynthia, 1190 Brown, Lee K., 310 Bucchieri, Salvatore, 1685 Bucher, Heiner, 3S Bucher-Bartelson, Becki L., 77 Bührer, Christoph, 1978 Bullough, Irene, 1705 Burki, Nausherwan K., 163 Bush, Andrew, 316 Bussey, Henry I., 8S, 22S, 220S Butler, Charles W., 1056 Byrd, Benjamin F., III, 1602

Cabrera-Navarro, Pedro, 970 Cadranel, Jacques, 1274 Caidahl, Kenneth, 1085 Cairns, John A., 228S, 253S Camacho-Laraña, Pedro, 1461 Campbell, G. Douglas, Jr., 1563 Cannon, Christopher P., 253S Cano-Gómez, Soledad, 1393 Cantral, David, 638 CAP5 Moxifloxacin Study Group, 185 Capote-Gil, Francisco, 1393 Cardinal, Pierre, 1151 Cardiovascular Surgery Associates, 537 Cardoni, Andrew L., 137 Cardoso, Paulo, 801 Carmo, Alipio O., 204, 1516 Carmona-Bernal, Carmen, 1393 Cartier, André, 714, 1316 Cartier, Paul C., 884 Casan, Pere, 1011 Case, L. Dong, 333 Casey-Cato, Terri, 1602

Castillo-Gómez, José, 1393 Castranova, Vincent, 1870 Cathomas, Gieri, 838 Cavalli, Alberto, 1401 Cayón-Blanco, Antonio, 992 Celli, Bartolome B., 1102 Cerdá, Enrique, 1160 Chaisson, Richard E., 1288 Chan, Charles K. N., 1427 Chan, Edward D., 1953 Chan, H-Kim, 414 Chan, Karen J., 661 Chao, David C., 236 Chapman, Kenneth R., 714, 1691 Chaudhary, Bashir, 294 Chee, Cynthia Bin Eng, 1582 Chemla, Denis, 1755 Chen, Changzhong, 691 Chen, Erzhang, 1814 Chen, Yue, 708 Cheng, Tsung O., 667, 985 Cherniack, Reuben M., 1027 Chetty, Kota G., 1285 Chida, Kingo, 643 Chin, Robert, 788 Chin, Robert, Jr., 333 Chinchilli, Vernon M., 1027 Chinsky, Kenneth D., 996 Chon, Kenneth S., 470 Chuang, Ming-Lung, 824 Chung, Ka-fai, 62 Church, Nina, 1661 Cibella, Fabio, 1685 Cirignotta, Fabio, 1387 Cirit, Murat, 726 Clagett, G. Patrick, 132S, 283S Clark, John A., 470 Clark, Kenneth W., 402 Clarke, Geoffrey, 670 Clausen, Jack L., 1092 Clay, Alison S., 281 Cloosterman, Sonja G. M., 1306 Coates, Allan L., 211, 250, 1123 Cockeroft, Donald W., 370, 987 Cockrill, Barbara A., 128 Cohen, Mark, 1547 Cohen, Michael V., 507 Cohen-Solal, Alain, 290 Coirault, Catherine, 1755 Cole, Peter, 300 Colice, Gene, 1717 Coller, Barry, 39S Collop, Nancy, 294 Colwell, Clifford W., 132S Conti, Vincent R., 2 Cook, Deborah, 3S, 1850 Coonrod, J. Donald, 1630 Cooper, William A., 14 Coppolino, Michael, 603 Cordeau, Marie-Pierre, 376 Cornella, Fedra, 1963 Cornwell, Richard D., 137 Cortes, Diana, 292 Cosgrove, Gregory, 1953 Cossi, Stefania, 1685 Costello, Philip, 1865 Creamer, Kevin M., 1893 Crispino, Natascia, 1598 Crocetti, Emanuele, 313 Croghan, Ivana T., 1357 Cuhaci, Bulent, 1622 Cullinan, Paul, 428 Cullinane, Carey, 975

Curtis, J. Randall, 1056 Curtis, Jeffrey L., 1337 Cuttitta, Giuseppina, 1685

Dale, Lowell C., 1357 Dalen, James E., 1S, 8S, 22S, 39S, 64S, 194S, 2208, 2788 Dales, Robert, 708 Dalquen, Peter, 838 Dang, Collin R., 25 Danziger, Larry H., 1114 Daoud, Baseem, 947 Das-Gupta, Mike, 670 Daudelin, Denise H., 207S Dave, Lokendra, 671 Davis, Beth E., 370 Davis, R. Duane, 224, 1277 Daviskas, Evangelia, 414 de Campos Werebe, Eduardo, 801 de Haan, Marten, 1034 de la Cal, Miguel A., 1160 De Lorenzo, Antonino, 1409 De Salvo, Mariá Cristina, 1347 DeBoisblanc, Bennett P., 523 Debus, Volker, 618 Décary, Anne, 45, 1807 del Carmen Serrano-Córcoles, María, 1956 Delaunois, Luc, 762 Delgado, José Luis, 310 deMello, Daphne E., 645 Demko, B. Gail, 673 Demos, Nicholas J., 964 Dempsey, Owen J., 1021 Dente, Federico Lorenzo, 1671 DePalo, Louis, 978 DeVoe, Beverly, 833 Deykin, Daniel, 8S, 22S Di Franco, Antonella, 1671 Díaz, César, 1160 Diaz, Philip T., 196 Dillard, Thomas A., 701 Dimitrow, Pawel Petkow, 1289 Dimsdale, Joel E., 1092 Ding, Dongjie, 1814 Diot, Patrice, 653 Disdier, Carlos, 1102 Do, Dat, 1933 Domínguez, José, 243 Donner, Claudio Ferdinando, 1498 Donohue, James F., 668 Dor, David Ben, 409 Drazen, Jeffrey M., 1027 Dresser, Linda D., 1439 Duarte, Alexander G., 973 Dumont, Pascal, 653 Dunagan, Donnie P., 333, 788 Duncan, Heather, 640 Dunn, Marvin I., 807 Dunsky, Eliot H., 1001 Duranti, Roberto, 1108 Durfee, Amy, 1976 D'Urzo, Anthony D., 714, 1347

Easton, J. Donald, 300S Eberl, Stefan, 414 Ece, Ferah, 781 Ece, Turhan, 781 Eckel, Hans Edmund, 961 Eckman, Mark H., 207S Edmunds, Suzanne, 897 Egenburg, Sandro, 511

Dvorin, Donald J., 1001

Ehler, Donna, 271 Ehrhart, Ina C., 1893 Einarson, Adrienne, 466 Elami, Amir, 1941 El-Bilbeisi, H., 530 El-Halees, Walid, 181, 1957 Elhendy, Abdou, 144 El-Naggar, I. Z., 776 Eloranta, Jussi, 1061 Eltayara, Loubna, 99 Elvira, Ana, 1434 Ely, Kim A., 795 Emmett, Amanda, 1661 Epstein, Scott K., 1840 Erlich, LuAnn, 1322 Ernst, Armin, 329, 1910 Ernst, Pierre, 85 Escalante, Patricio, 1730 Escarrabill, Joan, 364 Esperer, Hans-Dieter, 485 Ezekowitz, Michael, 228S

Factor, Phillip, 1222 Fahy, John V., 1027 Fahy, Ruairi J., 196 Faller, Jean-Pierre, 867 Fan, T. Michael, 507 Fanfulla, Francesco, 1379 Fang, Chi-Yuan, 493 Farmer, Michael W., 300 Farré, Ramón, 442 Farrero, Eva, 364 Fath, John, 889 Faughnan, Marie E., 470 Fazzi, Piera, 1270 Fearon, William F., 1576 Feinberg, Micha S., 1766 Feissel, Marc, 867 Felletti, Raffaella, 1138 Ferrario, Silvia Rossi, 1498 Ferreira, Ivone M., 353 Ferrer, Jaume, 1901 Ferretti, Anna, 1401 Ferris, Anne, 1980 Fiehler, Paul C., 1951 Fiel, Stanley, 412S Fifer, Michael A., 128 Filiberti, Rosa, 1138 Fink, Gershon, 1647, 1801 Finnerty, James Patrick, 1705 Fish, James E., 1027 Fisher, Lyle E., 1893 FitzGerald, Garret A., 39S Fitzgerald, Mark, 714 Flaherty, Kevin R., 1337 Fleisher, Martin, 1476 Fleury, Bernard, 310, 460 Floras, John S., 1827 Flume, Patrick A., 1079 Foglio, Katia, 1696 Folgering, Hans Th. M., 1306, 1820 Ford, Jean, 1027 Foreman, Marilyn, 1608 Foresi, Antonio, 309 Forster, Alan, 572 Foster, Guy T., 1285 Fotheringham, Nick, 523 Fowler, Stephen J., 1018 Foy, Capri Gabrielle, 70 Frangolias, Despina D., 434 Frank, Gerard W., 316 Frankel, Kenneth M., 667

Curcio, Anthony J., 1043

Fratacci, Marie-Dominique, 1755

Friedman, Robert, 1565 Fritscher-Ravens, Annette, 950 Frndova, Helena, 211 Froeb, Herman F., 1981 Froelicher, Victor F., 1576, 1933 Fromm, Robert E., Jr, 316 Froudarakis, Marios E., 679 Fu, Morgan, 493 Fuentes-Pradera, María A., 1393 Fuhrmann, Bernward, 737 Fujimura, Masaki, 670 Fujita, Akihisa, 340 Fukano, Hiroshi, 1295, 1416 Fukuda, Hiroshi, 155 Fukuoka, Atsuhiko, 93 Fung, John, 1865 Fuster, Valentin, 39S

Gabriel, Christophe, 1469 Gabriel, Rafael, 1365 Gaca, Charlene, 19 Gagnadoux, Frédéric, 460 Gahl, William A., 394 Gal, Anthony A., 14 Galí, Núria, 243 Gallivan, Gregory J., 1619, 1624 Gangi, Mohsin T., 968 Gant, Mary Jones, 1641 Garantziotis, Stavros, 1277 Garcia, Blanca E., 120 García-Curiel, Andrés, 1461 García-Díaz, Emilio, 1393 García-Hierro, Paloma, 1160 Garcia-Pachon, Eduardo, 989 García-Rubira, Juan Carlos, 992 Gardner, Sandra, 1427 Garland, Robert, 329 Garnacho-Montero, José, 1461 Garone, Shelley, 1944 Garpestad, Erik, 329 Gaspari, Mario, 889 Gaudreau, Hélène, 1807 Geerts, William H., 132S Geiter, Lawrence L, 833 Gelb, Arthur F., 1300 Gelfand, Sarah E., 1190 Generini, Sergio, 672 Gent, Michael, 39S Gentile, Deborah, 1749 Gerardi, Roberto, 1387 Gershon, Andrea S., 470 Ghezzo, Heberto, 99 Ghoneim, A. H. A., 776 Giampiecolo, Petro, 1401 Giannini, Daniele, 1671 Gibson, Barbara, 940 Gibson, Peter G., 1329 Gigliotti, Francesco, 1108 Giner, Jordi, 1011 Ginns, Leo C., 128 Ginsberg, Jeffrey S., 122S Giudicelli, Roger, 1469 Giuntini, Carlo, 1270 Glazer, Mendel, 1647 Glenn, Karen A., 77 Glover, Elbert D., 1357 Gochuico, Bernadette L., 394 Godart, François, 1624 Goldberg, S. Nahum, 329 Goldman, Silvia, 1801 Goldman, Steven, 278S Goldstein, Marc F., 1001 Goldstein, Roger S., 353, 675

Gollob, Michael H., 1210 Gong, Henry, Jr., 402 González, José B., 1434 Goodman, Philip C., 313 Gopalan, Ramprasad, 1608 Gordon, A. G., 1621 Gorini, Massimo, 1108 Górriz-Gómez, Elias, 970 Goswami, Satindra, 1870 Gotfried, Mark H., 1114 Gottlieb, Daniel, 1565 Gouin, François, 901 Granger, Christopher, 64S Grannis, Frederic W., Jr., 322 Grassi, Vittorio, 1685 Graves, John W., 323 Graviss, Edward A., 1730 Grebski, Elzbieta, 1521 Green, Leon, 292 Greenberg, Matthew, 1886 Greer, David G., 224 Greer, Ian, 122S Grégoire, Jean-Pierre, 1316 Grembiale, Rosa Daniela, 1598 Griffith, David E., 1730 Griffiths, Ewen A., 1018 Grilli, Bruno, 838 Gropper, Michael A., 219 Groth, Maritza, 312 Grothues, Frank, 485 Grunstein, Michael M., 1878 Guardino, Jeffrey, 657 Guérot, Claude, 1755 Guerrero, Alejandro, 966 Guilleminault, Christian, 53 Gunen, Hakan, 632 Güngör, Gökay, 989 Guo, Xiaoqing, 1608 Gupta, Neeraj, 671, 1292 Guthrie, Robert, 1749 Gutiérrez-Tarango, María D, 1742 Guyatt, Gordon, 1S, 3S

Hackner, Dani, 580 Hagège, Albert, 1755 Hagl, Christian, 622 Hale, Yvonne, 640 Hall, Michael J., 1827 Hall, Richard I., 1151 Halperin, Jonathan L., 64S Hamad, Abdullah, 285 Hamada, Mareomi, 1289 Hamm, Charles R., 507 Hammers, Lynn M., 701 Hammerschlag, Margaret R., 1303 Han, Fang, 1814 Hang, Chi-Ling, 493 Hansen, James E., 824 Haponik, Edward F., 333, 788 Haralabatos, Irene C., 1001 Hardy, Karen, 1274 Hardy, Kristina K., 1079 Hargreave, Frederick E., 714 Harkness, Beth A., 333 Harrington, Douglas, 1250 Harrington, Robert A., 253S, 321S Harris, Jessica M., 428 Harrison, Rick, 897 Hart, Judith, 196 Hartz, Renee S., 975 Hasegawa, Naoki, 1455 Hauber, Hans-Peter, 950 Haverich, Axel, 622

Hayashi, Yutaka, 155 Havkowsky, Mark, 150 He, Quanying, 1814 Hébert, Paul C., 1850 Hedemark, Linda, 176 Hedner, Jan, 1085 Heethaar, Rob M., 1761 Heffner, John E., 590 Heijdra, Yvonne F., 1820 Heinzer, Raphaël, 1807 Heisler, Michael, 1608 Heit, John A., 132S Heller, Israel, 318 Helweg-Larsen, Jannik, 844 Henderson, Katherine J., 470 Henshaw, Nancy G., 1277 Herer, Bertrand, 387 Hernández, Lourdes, 442 Hernández, Manuel, 1102 Herron, George D., 833 Herruzo-Avilés, Angel, 1461 Herry, Isabelle, 1274 Herth, Felix, 329, 1910 Hesselink, Arlette E., 1034 Highland, Kristin B., 1586 Himbert, Dominique, 290 Hinerman, Rachel, 1968 Hiratsuka, Takeaki, 1131 Hirschl, Ronald B., 515 Hirschmann, Jan V., 663 Hirsh, Jack, 1S, 8S, 22S, 39S, 64S, 95S, 122S Hirshkowitz, Max, 1303 Hiwada, Kunio, 1289 Hizawa, Nobuyuki, 753 Hnatiuk, Oleh W., 1289 Ho, Sharon L., 250, 1123 Hoehn, Thomas, 645, 1978 Hoffer, Eric K., 966 Hoffman-Hogg, Lori, 1489 Hogg, James C., 1724 Holcomb, Barry W., 1602 Holgate, Stephen T., 1533 Holm, Carole, 115 Honkonen, Eva L., 1061 Hooper, Robert G., 1620 Hopkins, Ramona, 661 Horst, H. Matilda, 889 Hosaka, Yukio, 811 Hoshi, Hiroaki, 768 Houck, Peter M., 1420 Houghton, Jan Laws, 1979 Housset, Bruno, 387 Howard, Patricia A., 807 Howe, Steve, 661 Howell, David N., 1277 Hsieh, Kelvin Yuan-Kai, 493 Huang, Cheng-Fang, 1043 Huang, Xingyue, 745 Hudson, Leonard, 966 Hull, Russell D., 176S Humen, Dennis, 150 Hurley, Elizabeth, 316 Hurt, Richard D., 1357 Hyers, Thomas M., 176S Hyland, Robert H., 470

landelli, Iacopo, 1108 Iannettoni, Mark D., 169, 1337 Iglesias, Gemma, 1434 Imokawa, Shiro, 643 Inciardi, John, 1635 Inoue, Ken-ichiro, 1979 Iorio, Carmela, 1598 Ip, Mary S. M., 62 Igbal, Mobeen, 307 Irwin, Richard S., 1253 Isakov, Aharon, 318 Ishihara, Tadayuki, 565 Ishi-i, Takeo, 315 Ishizaka, Akitoshi, 1455 Ishizuka, Shirou, 981 Ismail, Medhat, 181 Israel, Elliot, 1027 Ito, Eiichi, 811 Ito, Masahiro, 811 Ito, Masavuki, 554 Itoh, Akihide, 753 Iwanaga, Koichiro, 1069 Iwata, Hisashi, 768

Jackson, Mark R., 283S Jacobi, Ilka, 451 lacobs, Thomas, 1980 Jacobson, Alan, 22S Jaeschke, Roman, 3S lagas, Jacek, 818 Janjua, Tariq M., 422 Jatene, Fabio Biscegli, 801, 1510 Javadpoor, Seved, 1957 Jayam, Vinod, 478 lett, James R., 1143 liménez-Ruiz, Carlos A., 1365 Jin, Yontong, 691 lindal, Surinder K., 1737 Jirmann, Alexander, 451 Johnson, E. William, 25 Johnson, John L., 1266 ohnson, Robert G., 995 Johnson, Steven, 1291 okie, Ruzica, 370 ones, Andrew M., 1906 Jones, Julie, 1705 Jones, Norman, 647 Jones, Ronald N., 397S Jönsson, Elsy, 852 lordaens, Luc J., 144 Joseph, Edward, 1250 Judson, Marc A., 651, 1586 Julià-Serdà, Gabriel, 970

Kablawi, Anwar, 511 Kacmarek, Robert M., 128 Kaeser, Pierre, 1963 Kallay, Nicholas, 788 Kallergis, Konstantinos, 1260 Kamio, Yoshito, 277 Kamp, David W., 1043 Karakurt, Sait, 1379 Karmy-Jones, Riyad, 966 Kashiki, Yoshitomo, 660 Kasuga, Ikuma, 981 Kasukawa, Reiji, 554 Kato, Takashi, 1836 Katz, Sherri L., 250 Kaukinen, Liisa, 1061 Kaukinen, Seppo, 1061 Kawada, Hirovuki, 155 Kawaguchi, Shimpei, 768 Kawahito, Yutaka, 1979 Kawakami, Yoshikazu, 753 Kazatani, Yukio, 1289 Kazerooni, Ella A., 515, 1337 Kearon, Clive, 108S Keens, Thomas G., 562

Junge, Jette, 844

Keeping, Iain, 1705 Keller, Cesar A., 1968 Kempainen, Robert, 176 Kennedy, J. Ward, 253S Kennedy, Timothy C., 659 Kern, Hartmut, 874 Keus, Leendert, 781 Khan, Ijaz A., 502 Khan, M. Anees, 181, 1957 Khvolis, Ekaterina, 409 Kiefer, Ralph-Thomas, 1858 Kim, Dong, 1944 Kim, Dong-Soon, 302 Kim, Janet B., 1285 Kim, Won-Dong, 302 Kim, Woo-Sung, 302 King, Paul T., 300 Kirby, Thomas J., 590 Kiryu, Takuji, 768 Kitami, Akihiko, 277 Kiyokawa, Hiroshi, 1886 Kizkin, Ozkan, 632 Klauber, Melville R., 1623 Klein, Helmut U., 485 Klein, Jeffrey, 590 Klussmann, Jens Peter, 961 Knapik, Joseph J., 1676 Kneussl, Meinhard, 296 Knobil, Katharine, 1661 Knox, Alan J., 105 Kodama, Makoto, 1606 Kodama-Takahashi, Koji, 1289 Koh, Younsuck, 302 Kohler, Dieter, 1371 Koivisto, Pasi A., 1610 Kokubo, Mitsuharu, 768 Koller, Elizabeth, 988, 1291 Konagaya, Masaaki, 1836 Kondo, Tetsuri, 565 Konietzko, Nikolaus, 737 Kontovannis, Dimitrios A., 1173 Korach, Amit, 1941 Koren, Gideon, 466 Kornecki, Alik, 211 Kössel, Hans, 645 Kotaniemi, Jyrki, 852 Kottakis, John, 1347 Kovitz, Kevin L., 975 Kowallik, Peter, 451 Kox, Wolfgang J., 874 Kozel, Joseph, 964 Kraiczi, Holger, 1085 Kramer, Ludwig, 296 Kramer, Mordechai R., 1647, 1801 Kramer, Sandra S., 1878 Krasemann, Thomas, 618 Krauss, Daniel, 1778 Krayem, Ayman B., 968 Krelbaum, Tali, 1647 Krewski, Daniel, 708 Kriegsman, Didi M. W., 1034 Kripke, Daniel F., 1623 Krishna, Mamudipudi T., 1533 Krishnan, Jerry A., 1978 Krüger, Stefan, 977 Kubo, Atsushi, 1455 Kumagai, Miho, 565 Kumamoto, Kenshi, 1131 Kume, Haruki, 1294 Kun, Sheila S., 562 Kuo, Ping-Hung, 1961 Kuo, Shoo-Shown, 1961 Kupfer, Yizhak, 7

Kurokawa, Katsuroh, 1965

Kusne, Shimon, 1865 Kyprianou, Theodoros, 1073

Lacasse, Yves, 256, 353, 884 Lacbawan, Felicitas, 394 Lacomis, Joan, 1865 Lalloo, Umesh G., 1449 Lam, Bing, 62 Lam, Wah-kit, 62 Lam, Yui-Ming, 1280 Lancey, Robert A., 19 Landefeld, Seth, 108S Lands, Larry C., 1123 Lane, Kirk B., 669 Lang, Irene, 296 Lang, Roberto M., 1778 Lange, Leslie, 1337 Lange, Neale R., 1503 Lange, Peter, 1711 Laniado-Laborín, Rafael, 681 Lascher, Steven, 1185 Lau, Chu-Pak, 1280 Lau, Eileen M., 25 Lauder, Ian J., 62 Laupacis, Andreas, 194S Lauzardo, Michael, 640 Lavigne, Gilles, 45 Lavine, Jay B., 1295 Lazarus, Stephen C., 1027 Le Manach, Yvon, 1282 Leal-Noval, Santiago Ramón, 1461 Leblanc, Pierre, 376 Lecarpentier, Yves, 1755 Lee, David P., 1576 Lee, Jean, 1622 Lee, Jeffrey D., 25 Lee, Phil, 640 Lee, Pyng, 1582 Lee, Robert B., 14 Lee, Sang-Do, 302 Lee, Tak Wai, 1293, 1976 Lee, Y. C. Gary, 669, 795 Leeper, Kenneth V., Jr., 523 Lemanske, Robert F., 1027 Lemarié, E., 653 Lembeck, Rolf, 1652 Lenner, Roberta, 978 Leone, Frank T., 1027 Létourneau, Louis, 884 Lever, Alvin, 1257 Levine, Herbert J., 207S Levine, Mark N., 108S Lewczuk, Jerzy, 818 Lewis, David A., 824 Lewis, H. Daniel, Jr., 228S Lewis, Mary Margaret, 990 Lewis, Sarah A., 105 Li, Kasev K., 53 Liam, Chong-Kin, 955 Light, Richard W., 204, 537, 590, 669, 776, 795, 801, 1516, 1901 Lillington, Glen A., 1627 Lilly, Craig M., 1676 Lim, Chae-Man, 302 Lim, Kim-Hatt, 955 Lim, Yew-Cheng, 955 Lin, Zhenwu, 645 Lincoff, A. Michael, 321S Linden, Peter, 1865 Lindström, Mai, 852 Linn, William S., 402 Lipworth, Brian J., 984, 986, 1018, 1021,

Liss, Gary, 647 Littner, Michael, 1633 Livi, Riccardo, 672 Lobelo, Rafael, 442 LoCicero, Joseph, III, 329, 1910 Loftis, Laura L., 1480 Logan, Eileen, 523 Logeart, Damien, 290 London, Daniel, 409 Lorente, Leonardo, 1160 Lorenzi-Filho, Geraldo, 1510 Loube, Daniel, 4 Love, Robert B., 137 Lowery, Joseph K., 1420 Loyd, James E., 1602 Luh, Kwen-Tay, 1961 Luisetti, Maurizio, 315 Luketich, James D., 590 Lund, Christian H., 950 Lundbäck, Bo, 852 Lundgren, Jens D., 844 Lynch, Joseph P., III, 169, 1593, 371S, 373S Lynch, Robert E., 1480 Lyszkiewicz, Dorothy, 466

MacLehose, Richard F., 1420 MacNeish, Clair F., 1123 Maderal, Marian, 364 Madl, Christian, 296 Mahajan, Puneet S., 344 Mahler, Donald A., 1661 Mahutte, Kees, 1285 Maillard, Ivan, 1619 Maiolo, Carmela, 1409 Mairesse, Michel, 762 Make, Barry J., 77 Malo, Jacques, 45 Malozowski, Saul, 988, 1291 Maltais, François, 884 Mangin, Isabelle, 867 Manning, Warren J., 194S Mannino, David M., 1179 Manresa, Federic, 364 Mansour, Kamal A., 14 Manthous, Constantine A., 1599 Marchand, Eric, 762 Marchi, Evaldo, 1516 Marcus, J. Tim, 1761 Marel, Miroslav, 185 Margolis, Mitchell L., 985, 1621, 1981 Marik, Paul E., 316, 1717 Marques, José Agostinho, 310 Marrero, Manuel, 1434 Marroni, Paola, 1138 Marshall, John, 1850 Martin, Claude, 901 Martin, Dan, 1049 Martin, Richard J., 1027, 1049 Martinez, Fernando J., 169, 1337 Marzouk, Kamel A., 307 Masa, Fernando, 1365 Masa, Juan F., 1102 Masaka, Akira, 1965 Mascha, Edward J., 530 Mason, Wendi R., 1602 Massad, Malek G., 997 Massey, Clara V., 507 Massey, Kenneth D., 515 Massoudy, Parwis, 31 Matas, Lurdes, 243 Matchar, David, 22S

Matsui, Eisuke, 768

Matsukura, Shigeru, 1131

Matsumaru, Akiko, 1724 Matsuoka, Hidehito, 1069 Matsuoka, Yukihiko, 1836 Matsushima, Toshiharu, 1295, 1416 Matsuzaki, Keisuke, 1289 Matthay, Michael A., 219 Matucci-Cerinic, Marco, 672 Mauger, Elizabeth A., 1027 Mayrou, Irini, 1073 Maxeiner, Helmut, 1612 Mazur, Joseph E., 651 McAdams, H. Page, 1277 McCain, Trent W., 333 McClean, Patricia, 1322 McCloud, Laryssa L., 1893 McCoy, Karen, 1749 McCrory, Douglas C., 1190 McDonald, Edward C., 795 McDonald, J. Corbett, 428 McGaw, Patricia, 537 McGeady, Stephen J., 1027 McGrath, Gregory, 670 McIntyre, Kevin, 337S McKenna, Robert J., Jr., 1300 Meade, Thomas W., 228S Medici, Tullio C., 1521 Meesmann, Malte, 451 Mehrad, Borna, 169 Mehta, Nirav J., 502 Mehta, Ravindra, 312 Meisner, Hans, 31 Merchant, Sanjay, 745 Merino, José M., 1434 Meyer, Andreas, 950 Meyer, Keith C., 137 Mezaki, Toru, 1606 Michard, Frédéric, 867 Michelson, Alan D., 344S Milanez de Campos, José Ribas, 801 Mildenberger, Eva, 645 Milic-Emili, Joseph, 99, 1401 Miller, Joseph I., 14 Miller, York, 659 Mills, Paul J., 1092 Milot, Julie, 884 Minemura, Kazushige, 981 Mink, Richard B., 1480 Miravitlles, Marc, 1365 Misuri, Gianni, 1108 Miyashita, Naoyuki, 1295, 1416 Miyata, Masayuki, 554 Mlynarek, Mark, 889 Mobasher, A. A. M. T., 776 Mochizuki, Hirovuki, 685 Mohamed, Ehab I., 1409 Mohamed, K. Hassaan, 776 Moher, David, 1151 Mohsenifar, Zab, 580, 1944 Moinuddeen, Khaja, 1615 Moita, Joaquim, 185 Mok, Yuk-wan, 62 Mokhlesi, Babak, 1043 Monagle, Paul, 344S Moncada, Rogelio, 947 Mondini, Susanna, 1387 Montplaisir, Jacques, 45, 1807 Montserrat, Josep Maria, 442 Moodley, Yuben P., 1449 Morgenstern, Leon, 1944 Morice, Rodolfo C., 781 Morikawa, Akihiro, 685 Morise, Anthony, 1933 Morisson, Florence, 45, 1807 Morris, Aaron L., 1043

Morris, Timothy A., 176S Mort, Thomas, 319 Moshkowitz, Yaron, 1766 Moss, Marc, 1179 Mostacci, Barbara, 1387 Mott, Frank E., 317 Mottur-Pilson, Christel, 1185 Moulopoulos, Spyridon D., 1173 Mounyam, Leonard, 1652 Moxham, John, 926 Mukae, Hiroshi, 1131 Mullins, C. Daniel, 745 Murakami, Eiki, 1289 Murin, Susan, 1635 Murphy, Timothy F., 663 Murthy, Rekha, 405S Musser, James M., 1730 Mustonen, Aki, 1610 Mutlu, Ece A., 1222 Mutlu, Gökhan M., 1222 Myers, Jonathan, 1933

Nagesh, Babu S., 1737 Nakajima, Masamitsu, 1416 Nakamura, Craig T., 562 Nakamura, Hirotoshi, 643 Nakamura, Kayoko, 1455 Nakazato, Masamitsu, 1131 Nanas, John N., 1173 Nanas, Serafim, 1073 Narita, Nobubiro, 93 Narushima, Michiaki, 277 Naseem, Sohail, 294 Nathan, Robert A., 984 Naty, Saverio, 1598 Nava, Stefano, 1379 Navajas, Daniel, 442 Nekomoto, Kathy, 25 Nelesen, Richard A., 1092 Nelson, David R., 1489 Nelson, Karin, 176 Nelson, Steve, 523, 419S Nesbitt, Jonathan C., 795 Nevalainen, Olli, 37 Nevins, Michael L., 1840 Newman, Lee, 647 Nezu, Kunimoto, 93 Ng, Calvin S. H., 1293, 1976 Ngom, Abdoukarim, 653 Niederman, Michael S., 663, 1420, 1439 Niki, Yoshihito, 1295, 1416 Nikutta, Peter, 485 Nishimiya, Jin, 1965 Niu, Tianhua, 691 Noordegraaf, Anton Vonk, 1761 Noppen, Marc, 992, 1293 Null, Donald, 1749 Nzerue, Chike, 1608

Oaks, Timothy, 333
Ochi, Naoto, 155
O'Connell, Marie, 862
O'Driscoll, Ronan, 1906
Offord, Kenneth P., 1357
Ogawa, Rynji, 1606
Ohaly, Melly, 409
Ohayon, Maurice M., 53
Ohira, Hiromasa, 554
Ohman, E. Magnus, 64S, 253S, 321S
Ohta, Yasuyo, 565
Ohyashiki, Kazuma, 981
Ojo, Tammy Clark, 169

Okabe, Masaaki, 1606
Okada, Masayoshi, 1526
Okamoto, Yukinori, 93
Okimoto, Niro, 1295
Okita, Yutaka, 1526
Olaguibel-Rivera, Jose M., 120
Oliveira, Eduardo C., 1717
Olson, Gayle, 973
O'Malley, Patrick G., 228
Onetto, Marina, 1138
Ong, Janus P., 1489
Onishi, Roberto, 204
Ootaki, Yoshio, 1526
Otto, Catherine M., 958
Overbeck, Michael C., 515

Paci, Eugenio, 313 Paciocco, Giuseppe, 169 Pack, Leslie Lee, 1427 Padilla-Navas, Isabel, 989 Paganuzzi, Michela, 1138 Page, Richard L., 628 Paggiaro, Pierluigi, 1671 Painter, Jack A., 507 Pak, Juno, 1049 Paladino, Joseph A., 1439 Palmer, Scott M., 224, 1277 Panacek, Edward A., 590 Pantsari, Matthew W., 1586 Papamichalopoulos, Antonios, 1073 Papazian, Laurent, 901 Parodi, Stefano, 1138 Pascual, Fred, 312 Pasterkamp, Hans, 1886 Paterson, D. Ian, 1791 Patrono, Carlo, 39S Pats, Bruno, 1282 Patterson, Jan E., 426S Patton, John F., 1676 Patz, Edward F., Jr., 313 Pauker, Stephen G., 3S, 207S Pavord, Ian D., 105 Pazetti, Rogério, 1510 Pedroso, Pablo, 243 Pehkonen, Erkki, 1061 Peker, Yüksel, 1085 Pelaia, Girolamo, 1598 Pelletier-Fleury, Nathalie, 460 Penninx, Brenda W. I. H., 1034 Pérez-Cano, Ramón, 992 Pérez-Peñate, Gregorio, 970 Perpati, Georgia, 1073 Perron, Jean, 884 Persoz, Christophe F., 1963 Pesola, Gene R., 9 Peters, Jay I., 986 Peters, Stephen P., 1027 Petersen, Palle, 194S Petersen, W.G., 1289 Peterson, Christer, 1521 Petit, Dominique, 45, 1807 Petitpretz, Patrick, 185 Petkov, Ventzislav, 296 Petrone-De Luca, Patrizia, 1409 Petros, Andy J., 862 Pforte, Almuth, 950 Phillips, Barbara, 1287 Picard, Eli, 1801 Pien, Grace W., 1641 Pignatti, Pier Franco, 315 Pineo, Graham F., 132S Piroth, Werner, 977

Poldermans, Don, 144 Polkey, Michael I., 926 Poller, Leon, 8S, 22S Polo, Olli, 37 Polo-Kantola, Päivi, 37 Popma, Jeffrey J., 321S Porada, Adam, 818 Postmus, Pieter E., 1761 Pouliou, Eleni, 1073 Powell, Elizabeth, 647 Pranikoff, Thomas, 515 Prat, Cristina, 243 Prats, Enric, 364 Preux, Pierre-Marie, 1778 Priel, Israel, 1801 Prindiville, Sheila, 659 Pugash, Robyn A., 470 Pulido-Duque, Juan María, 970 Puyo, Philippe, 1469 Pye, David J., 1691

Quinney, Arthur, 150

Rabinowitz, Babeth, 1766 Rachlis, Anita, 1427 Rahier, Jean-François, 762 Rakotonanahary, Dominique, 460 Rambaud, Geoffray, 1778 Ramirez, Allan M., 997 Ramirez-Rivera, Alicia, 1347 Ramos-Cuadra, José Ángel, 1956 Rapatz, Guenter, 1347 Raschke, Robert, 64S Raskob, Gary, 108S Raxwal, Vinod, 1933 Ream, Robert S., 1480 Regnard, Jean-François, 1469 Reich, Jerome, 659 Reichart, Nina, 1801 Reickert, Craig A., 515 Reiffel, James A., 628 Reilly, Donna, 1661 Rejeski, W. Jack, 70 Rennard, Stephen I., 1976 Rex, Katharine M., 1623 Rey, Christian, 1624 Rhee, Kunuk, 647 Rice, Louis, 391S Richman, Paul, 1801 Rickard, Kathleen, 1661 Riedel, Martin, 1652 Rienzi, Nicholas, 1870 Riesco, Juan A., 1102 Rieves, Dwayne, 1299 Riff, Joshua, 207S Rincón-Ferrari, María Dolo, 1461 Ringbaek, Thomas J., 1711 Ripka, James F., 562 Riquet, Marc, 1469 Rivera, Seth, 1944 Rivero, Dolores Helena Rodriquez Ferreir, 1510 Rivers, Emanuel P., 889 Robbins, Ivan M., 1602 Roberts, Clare, 862 Rocco, Gaetano, 671 Rochat, Thierry, 1963 Rodman, David M., 613 Redvold, Keith A., 1114 Roeleveld, Roald J., 1761 Rogers, Tara, 833

Rohr, Ute, 874

Rosi, Elisabetta, 1108
Rosival, Viktor, 1622
Rosman, Howard S., 478
Rossa, Andre, 511
Rossi, Paolo, 1409
Rossoff, Leonard J., 307
Roth, Bernard J., 701
Roth, Gerald, 398
Rouleau, Rachel, 1316
Roussos, Charis, 1073
Rudis, Ehud, 1941
RuDusky, Basil M., 668, 1617
Ruiz-Bailén, Manuel, 1956
Rumbak, Mark J., 683
Ruyer, Olivier, 867

Saad, George Abi, 889 Saaresranta, Tarja, 37 Sacchi, Terrence J., 502 Sacco, Ralph L., 300S Sachs, David P. L., 1357, 1627 Saga, Reiko, 685 Sagy, Mayer, 1166 Sahn, Steven A., 590, 1547 Sakamoto, Toshihiko, 1069 Salah, Adel, 776 Saldiva, Paulo Hilário Nascimento, 1510 Salem, Deeb N., 207S Salian, Nagesh, 1966 Saltos, Nicholas, 1329 Salvi, Sundeep S., 1242, 1533 Samama, Michel, 1768 Samiou, Maria F., 1260 Samman, Yaseen S., 968 Sampson, Anthony P., 1533 Samuelsson, Anita, 1085 San Pedro, Gerry, 385S Sánchez de Cos, Julio, 1102 Sánchez-Armengol, Angeles, 1393 Sánchez-Concheiro, Margarita, 1160 Sanchis, Joaquin, 1011 Sancisi, Elisa, 1387 Sandham, Dean, 1151 Sandhaus, Robert A., 676 Sano, Hajime, 1979 Sasajima, Tomomi, 554 Sasaki, Hidetada, 660 Sasse, Scott A., 1285 Sato, Masahito, 1606 Saute, Milton, 1647 Saux, Pierre, 901 Saygı, Attila, 990 Saymer, Abdullah, 726 Sbragia, Paola, 1270 Scano, Giorgio, 1108 Scerbo, Joseph E., 964 Schachter, E. Neil, 1870 Schaefer, Robert F., 1966 Schaller, Marie-Denise, 1619 Schein, Roland, 523 Scheinhorn, David L., 236 Schenk, Peter, 296 Schmidt, Michael, 451 Schonhofer, Bernd, 1371, 1620 Schork, M. Anthony, 1337 Schram, David J., 638 Schramel, F. M. N. H., 1976 Schroeder, Darrell R., 1357 Schuler, Paul, 966 Schunëmann, Holger, 3S Schuster, Daniel P., 1503 Schwammenthal, Ehud, 1766 Schwartz, Yehuda, 1801

Piszko, Piotr, 818

Schwartzman, Kevin, 1791 Schwarz, Ernst R., 977 Schwarz, Marvin I., 1590, 1948 Schweitzer, Irwin, 1850 Sears, Malcolm R., 1297 Seger, John J., 1210 Sehgal, Shobha, 1737 Sekela, Michael E., 163 Sekine, Kyuhichiro, 340 Selim, Alfredo, 1565 Semigran, Marc J., 128 Serizawa, Hiromi, 981 Sethi, Sanjay, 663 Sevim, Tülin, 989 Sforza, Emilia, 1807 Shapira, Itzhak, 318 Shapira, Oz M., 657 Sharafkhaneh, Amir, 1303 Sharma, Neeraj, 317 Sharma, Om P., 678 Sharp, Marilyn A., 1676 Shaughnessy, Stephen G., 64S Shavelle, David M., 958 Sheikh, Shahid, 1749 Shelledy, David, 986 Shemie, Sam D., 211 Sheps, Sheldon G., 323 Shetler, Katerina, 1933 Shigematsu, Yuji, 1289 Shim, Tae-Sun, 302 Shimazu, Takeshi, 661 Shimokawa, Kuniyasu, 768 Shirota, Kazuhiko, 1886 Shorr, Andrew F., 228 Shoseyov, David, 409 Siafakas, Nikolaos M., 679, 1260 Sičenica, Toni, 1951 Sichletidis, Lazaros, 1347 Siegel, Paul, 1870 Siewert, Jörg R., 1652 Sihoe, Alan D. L., 1293, 1976 Silkoff, Philip E., 1049, 1322 Silver, Peter, 1166 Similowski, Thomas, 1274 Simmons, Michael S., 988, 1291 Simon, Mare A., 1953 Simpson, Jodie L., 1329 Sims, Erika J., 1021 Sin, Don D., 720 Singer, Daniel E., 194S Singh, Ashish, 1968 Singh, Narpinder, 502 Sittel, Christian, 961 Skoner, David, 1749 Slutsky, Arthur S., 1322 Smith, David H., 344 Smolinski, Aram K., 1766 Snow, Vincenza, 1185 Snyder, Margaret, 1056 Sobkowicz, Bożena, 818 Sobradillo, Victor, 1365 Solèr, Markus, 838 Solfanelli, Stefano, 1270 Solis, Roberto A., 181 Solway, Sherra, 256 Sonna, Larry A., 1676 Sonne, Kai, 485 Sorkness, Christine, 1027 Sozzi, Fabiola, 144 Sparrow, David, 1565 Speir, William A., Jr., 987 Spencer, Kirk T., 1778

Spies, Claudia D., 874

Spino, Michael, 1322

Spodick, David H., 999 Stacey, Simon, 316 Stamatelopoulos, Stamatis F., 1173 Stanbrook, Matthew B., 675 Staples, Edward D., 224 Stearn-Hassenpflug, Meg. 236 Stein, Hubert J., 1652 Stein, Paul D., 220S, 278S Steinhoff, Gustav, 622 Sterman, Daniel H., 1641 Stewart, Jeffrey P., 12 Stewart, Rosalyn, 973 Stock, Ulrich, 622 Stoller, James K., 745 Stoopen, Enrique, 292 Strange, Charlie, 590 Strassels, Scott A., 344 Stringer, Harold, 1608 Stringer, John R., 105 Strohl, Kingman P., 1814 Suda, Takafumi, 643 Sueda, Shozo, 155 Suissa, Samy, 85 Sullivan, Sean D., 344 Sun, Xing-Guo, 824 Suzuki, Hajime, 277 Suzuki, Kaoru, 811 Suzuki, Shuichi, 277 Suzuki, Takashi, 277 Swystun, Veronica A., 370 Szefler, Stanley J., 1027 Szymusiak, Ronald S., 1633

Tabar-Purroy, Ana I., 120 Tagaki, Shigeru, 340 Tahaoglu, Canan, 632 Tahaoğlu, Kemal, 989 Tai, Dessmon Y. H., 530 Takabatake, Hirotsugu, 340 Takagi, Yaeko, 1455 Takano, Makoto, 1455 Takaya, Tadatake, 660 Takenaka, Hideaki, 93 Takyi, Baffour Amo, 977 Tamm, Michael, 838 Tanabe, Yasuhiko, 811 Tantucci, Claudio, 1401 Taoka, Sharyl N., 25 Tapia, Jane R., 833 Tapson, Victor F., 176S, 224 Tarkka, Matti R., 1061 Tarlo, Susan M., 647 Tashkin, Donald P., 988, 1291, 1691 Tassara, Elisabetta, 1138 Tavel, Morton E., 628, 907, 958 Taylor, Allen J., 12 Taylor, Dylan, 150 Tazelaar, Henry D., 1143 Teal, Philip, 300S Teboul, Jean-Louis, 867 Teghini, Laila, 672 Teirstein, Alvin S., 978 Teixeira, Lisete R., 204, 801, 1516 TenHoor, Terri, 1179 Teo, Koon, 150 Teramoto, Shinji, 315, 1294 Terashima, Takeshi, 1724 Terrell, Sheryl L., 402 Terry, Boyd E., 507 Tesarowski, David, 714 Tessler, Sidney, 7 Tewari, Sanjiv, 530 Theerthakarai, Ravichandran, 181, 1957 Théroux, Pierre, 228S, 278S Thomas, Charles F., Jr., 1143 Thomas, Scott, 256 Thompson, Philip J., 795 Thomson, Ian R., 144 Thourani, Vinod H., 14 Thurer, Robert, 329, 1910 Ting, Hua, 824 Tokuyama, Kenichi, 685 Topilsky, Marcel, 318 Torosoff, Mikhail T., 1979 Toshima, Satoshi, 660 Toyoshima, Mikio, 643 Traenkle, Peter, 838 Tranfa, Carmelindo Mario Enrico, 1598 Transfusion Requirements in Critical Care Investigators, 1850 Traveria, Adolf, 1901 Travis, William, 394 Trawick, David R., 115 Troilo, Settimio, 1270 Tsagalou, Eleftheria P., 1173 Tsang, Kenneth W. T., 62 Tse, Hung-Fat, 1280 Tsou, Edward, 990 Tsubota, Noriaki, 1069 Tsukube, Takuro, 1526 Tu, George, 580 Tu, Jack V., 720 Tuazon, Divina, 973 Tura, Josep M., 1901 Turpie, Alexander G.G., 220S Tutuncu, Ahmet, 1503 Tweeddale, Martin, 1151 Tzanakis, Nikolaos, 1260

Ugbarugba, Steve, 1608 Ünsal, İpek, 726 Uraoka, Tadao, 155 Urbiola-Marcilla, Eduardo, 120 Urueta, Juan, 185 Utsumi, Kenta, 981

Vacek, James L., 271 Vagaggini, Barbara, 1671 van den Elshout, Frank J. J., 1306, 1820 van der Woude, Hanneke J., 309 van Eeden, Stephan, 1724 van Herwaarden, Cees L. A., 1306 Van Rossum, Albert C., 1761 van Saene, Hendrick K. F., 862, 1160 van Schayck, Constant P., 1306 Vandenplas, Olivier, 762 Vander Salm, Thomas J., 19 Vargas, Francisco S., 204, 801, 1516 Varkey, Basil, 1255 Varon, Joseph, 316 Vasavada, Balendu C., 502 Vaz, Marcelo A. C., 204, 795, 1516 Vered, Zvi. 1766 Verellen-Dumoulin, Christine, 762 Versmold, Hans T., 645 Veza, Bernadette A., 1001 Viejo, José Luis, 1365 Vignon, Philippe, 1778 Vilchez, Regis A., 1865 Villaran, Yuri, 163 Villarino, Marian A., 1901 Villasante, Carlos, 1365 Viskum, Kaj, 1711 Vogt, Johannes, 618 Vosik, William, 638

Wade, Paul, 862 Wali, Siraj O., 968 Walker, Robert M., 683 Wallace, Wayne A., 236 Wallstein, Sven, 1371 Wan, Song, 1, 1293, 1976 Wang, Binyan, 691 Wang, Xiaohua, 1151 Wang, Yee Tang, 1582 Ward, Laurie, 285 Ward, Sally L. Davidson, 562 Warkentin, Theodore E., 64S Washam, Cathi L., 1641 Wasserman, Karlman, 824 Wassermann, Klaus, 961 Watanabe, Kouki, 155 Waterer, Grant W., 5 Waters, David D., 287 Wattanasuwan, Norrapol, 502 Weaver, Lindell K., 661 Wedel, Mark, 1503 Weg, John G., 176S Wei, Charles C-Y, 1427 Wei, Hailing, 1814 Weindler, Josef, 1858 Weinert, Craig R., 547 Weingarten, Scott, 580 Weiss, Irwin, 897 Weiss, Scott T., 105, 691 Weissberg, Dov, 1292 Weitz, Jeffrey I., 95S, 321S Wells, George, 1850 Wells, Philip, 572 Wencker, Marion, 737 Werner, Heinrich A., 1913 Wesselius, Lewis J., 422 West, James, 613 Westcott, Jay Y., 1049

Wewers, Mark D., 196 Wheeler, H. Brownell, 132S White, Eric S., 1593 White, Robert I., Jr., 470 Whitmer, Michael, 1870 Widlitz, Allison, 1980 Wiedemann, Herbert P., 530 Wiese, Conny, 1371 Wijnhoven, Hanneke A. H., 1034 Wilcox, Pearce G., 434 Williams, David N., 176 Wilsdorf, Terry T., 1602 Wilson, Andrew M., 1018, 1021 Wilson, Kevin, 657 Winek, João C., 310 Wirth, Joel, 115 Wirtz, Hubert, 451 Wittich, Ralph, 874 Wójciak, Sławomir, 818 Wong, Catherine Mee-Ming, 955 Wood, Douglas E., 1056 Woodard, C. Mark, 70 Wortsman, Jacobo, 889 Wrabec, Krzysztof, 818 Wu, Chiung-Jen, 493 Wu, Zhong-kai, 1061 Wunderink, Richard G., 5, 523

Xiang, Zhuzai, 137 Xu, Xiping, 691

Yamada, Shigeo, 1965 Yamaguchi, Etsuro, 753 Yamaguchi, Kazuhiro, 1455, 1724 Yamaya, Mutsuo, 660 Yanai, Masaru, 660 Yang, Jianhua, 691 Yang, Pan-Chyr, 1961 Yasuda, Yo, 660 Yasuma, Fumihiko, 1836 Yeh, Kuo-Ho, 493 Yellin, Alon, 1647 Yetisir, Elizabeth, 1850 Yigla, Mordechai, 1801 Yim, Anthony P. C., 1, 1293, 1976 Yip, Hon-Kan, 493 Yoneda, Takahiro, 93 Yoshikawa, Masanori, 93 Yoshikawa, Toshikazu, 1979 Yoshimura, Masahiro, 1069 Yost, C. Spencer, 219 Young, Iven H., 414 Young, Melissa, 1565 Younossi, Zobair M., 1489 Yousef, Abdel-Rahim I., 776 Yu, Henry, 1092 Yuasa, Tatsuhiko, 1965 Yuki, Tsuyoshi, 1069 Yusen, Roger D., 327

Zaccaria, Sergio, 1498
Zaccaro, Daniel, 70
Zahler, Stefan, 31
Zama, Nche, 1615
Zamel, Noe, 1322
Zanen, P., 1976
Zapol, Warren M., 128
Ziegler, Michael G., 1092
Zieliński, Jan, 731
Ziesche, Rolf, 296
Ziskind, Zvi, 1766
Zotti, Anna Maria, 1498
Zuskin, Eugenija, 1870
Zuwallack, Richard L., 984, 1661
Zwillich, Clifford W., 1953

## SUBJECT INDEX Volume 119 (JANUARY-JUNE, 2001)

Abbreviations: See Language

Abciximab, antithrombotic therapy, Jan. Suppl., 1S-370S

Abdominal pain, lung mass in a smoker, 94

Abnormalities, antithrombotic therapy, Jan. Suppl., 1S-370S asymptomatic right tracheobronchial mass on chest radiograph,

a 52-vear-old woman with recurrent hemoptysis, 955

focal congenital alveolar proteinosis associated with abnormal surfactant protein B messenger RNA, 645

intralobar pulmonary sequestration, 990, 991

lethal hemoptysis caused by biopsy injury of an abnormal bronchial artery, 1612

lung mass in a smoker, 947

safety of dextromethorphan in pregnancy, 466

Abortion, cavitary lung disease, 300

Academicians: See Faculty

Acalculous cholecystitis: See Cholecystitis

Accidents, home ventilator low-pressure alarms fail to detect accidental decannulation with pediatric tracheostomy tubes, 562 sleep-disordered breathing in middle-aged adults predicts no

significantly higher rates of traffic violations, 1623

ACCP-SEEK board review question of the month, differing chest imaging patterns in three patients are caused by one microbe,

a 51-year-old man with a complicated medical history and abnormal chest radiographic finding, 1948

a 60-year-old man with recurrent pneumonias, 1590

ACE inhibitors: See Angiotensin-converting enzyme inhibitors Acetylcholine, coronary vasospasm in hypertrophic cardiomyopathy,

test, usefulness of accelerated exercise following mild hyperventilation for the induction of coronary artery spasm, 155

Acid-fast bacilli, evaluation of polymerase chain reaction for detection of Mycobacterium tuberculosis in pleural fluid, 1737

Acidosis, chronic respiratory, severe pectus excavatum associated with cor pulmonale and, in a young woman, 1957

evaluating sodium bicarbonate controversy, 1622

lactic, in status asthmaticus, 1599

Acinetobacter, hospital-acquired infections, Feb. Suppl., 371S-430S Acquired immunodeficiency syndrome: See also HIV infections; -associated Pneumocystis carinii pneumonia, prognostic markers of short-term mortality in, 844

resolution of pleural effusions, 1547

risk factors for prophylaxis failure in patients receiving aerosol pentamidine for Pneumocystis carinii pneumonia prophylaxis,

Actinomycosis, utility of Wang needle aspiration in the diagnosis of,

Adenocarcinoma, combination chemotherapy in patients with malignant pleural effusions from non-small cell lung cancer: cisplatin, ifosfamide, and irinotecan with recombinant human granulocyte colony-stimulating factor support, 340

surgical management of non-small cell lung cancer with synchronous brain metastases, 1469

Adenopathy, hilar and peripheral, pharyngitis and splenomegaly in a 29-year-old man with acute hypoxic respiratory failure, 1586

Adenosine deaminase, evaluation of polymerase chain reaction for detection of Mycobacterium tuberculosis in pleural fluid, 1737

Adenosine monophosphate, evaluation of salmeterol or montelukast as second-line therapy for asthma not controlled with inhaled corticosteroids, 1021

Adenosine 5'-monophosphate, regular inhaled salbutamol: effect on airway responsiveness to methacholine and, and tolerance to bronchoprotection, 370

Adenovirus, gene therapy for pulmonary diseases, 613

infection, role of nuclear factor-kB activation in airway inflammation following COPD and, 1294

ADHD: See Attention deficit hyperactivity disorder

Adherence: See Patient compliance

Adhesion molecules, increased endothelial injury in septic patients with coronary artery disease, 874

Adolescence, sleep-related breathing disorders in adolescents aged 12 to 16 years: clinical and polygraphic findings, 1593

Adrenal insufficiency in high-risk surgical ICU patients, 889

Adrenergic  $\alpha_1$ -receptors, protecting the myocardium from ischemic injury: a critical role for  $\alpha_1$ -adrenoreceptors? 1242

Adrenergic B-agonists, inhaled, deleterious effects of: short-acting and long-acting agents differ, 1297

lactic acidosis in status asthmaticus, 1599

status asthmaticus in children: a review, 1913

use, utility of peak flow, symptom scores, and, as outcome measures in asthma clinical research, 1027

Adrenergic β<sub>2</sub>-agonists, evaluation of salmeterol or montelukast as second-line therapy for asthma not controlled with inhaled corticosteroids, 1021

impact of combined inhaled bronchodilator therapy in the treatment of COPD, 85

in patients with COPD, treatment with a combination of formoterol and ipratropium is more effective than a combination of salbutamol and ipratropium, 1374 inhaled, ambulatory use of, for the treatment of asthma in Quebec:

a population-based utilization review, 1316

regular inhaled salbutamol: effect on airway responsiveness to methacholine and adenosine 5'-monophosphate and tolerance to bronchoprotection, 370

regularly scheduled inhaled bronchodilators and maintenance asthma therapy, 987, 988

salmeterol and conventional asthma therapy, 986, 987

short-acting and long-acting, placebo-controlled clinical trial of regular monotherapy with, in allergic asthmatic patients, 1306

tolerance to the protective effect of salmeterol on allergen challenge can be partially restored by the withdrawal of salmeterol regular treatment, 1671

Adrenoreceptors,  $\alpha_1$ -: See Adrenergic  $\alpha_1$ -receptors

Advertising, considerations in the relationship between the American College of Chest Physicians and industry, 1257

physician education and the pharmaceutical industry. 995 time for introspection, 1255

Aerosols: See also Nebulizers; ambulatory use of inhaled β<sub>2</sub>-agonists for the treatment of asthma in Quebec: a population-based utilization review, 1316

deleterious effects of inhaled B-agonists: short-acting and longacting agents differ, 1297

dose-response relationship and reproducibility of the fall in exhaled nitric oxide after inhaled beclomethasone dipropionate therapy in asthma patients, 1322

effect of size and disease on estimated deposition of drugs administered using jet nebulization in children with cystic

fibrosis, 1123

effectiveness and safety of salmeterol in nonspecialist practice settings, 714

iloprost therapy could not replace long-term IV epoprostenol (prostacyclin) administration in severe pulmonary hyperten-

impact of combined inhaled bronchodilator therapy in the treatment of COPD, \$5

reality-based medicine-the response, 992

regular inhaled salbutamol: effect on airway responsiveness to methacholine and adenosine 5'-monophosphate and tolerance to bronchoprotection, 370

regularly scheduled inhaled bronchodilators and maintenance asthma therapy, 987, 988

risk factors for prophylaxis failure in patients receiving pentamidine for Pneumocystis carinii pneumonia prophylaxis, 1427

underuse of inhaled steroid therapy in elderly patients with asthma, 720

Africa,  $Mycobacterium\ tuberculosis\ disease$  in Somali immigrants in Minnesota, 176

Age and aging, adrenal insufficiency in high-risk surgical ICU patients, 889

aggressive diuresis for severe heart failure in the elderly, 807

analysis of inspiratory flow shapes in patients with partial upperairway obstruction during sleep, 37

angiotensin-converting enzyme inhibitors, angiotensin-II receptor antagonists and pneumonia in elderly hypertensive patients with stroke, 660, 661

antithrombotic therapy, Jan. Suppl., 1S-370S

asthma and the risk of hospitalization in Canada: the role of socioeconomic and demographic factors, 708

changes in forced vital capacity during methacholine-induced bronchoconstriction in elderly patients with asthma: bronchial hyperresponsiveness and aging, 1685

community study of sleep-disordered breathing in middle-aged Chinese men in Hong Kong, 62

elderly patients as candidates for bypass? 318

empiric antibiotic therapy and mortality among Medicare pneumonia inpatients in 10 western states: 1993, 1995, and 1997, 1420

extubation failure in a large pediatric ICU population, 897

prognostic markers of short-term mortality in AIDS-associated Pneumocystis carinii pneumonia, 844

relation between peripheral blood leukocyte counts and respiratory symptoms, atopy, lung function, and airway responsiveness in adults, 105

seniors and systolic hypertension: an unanswered call to arms, 323 study of consecutive autopsies in a medical ICU: a comparison of clinical cause of death and autopsy diagnosis, 530

underuse of inhaled steroid therapy in elderly patients with asthma, 720

value of a hospitalist service: efficient care for the aging population? 580

video-assisted thoracoscopic sterilization for exacerbation of chronic empyema thoracis, 277

Agriculture, free range chicken soup, 1976

AIDS: See Acquired immunodeficiency syndrome

Air embolism, iatrogenic paradoxical, in pulmonary hypertension, 1602

seizure in a scuba diver, 285

Air pollution, anti-inflammatory and lung function effects of montelukast in asthmatic volunteers exposed to sulfur dioxide, 402

Airflow: See also Airway obstruction, below; Sleep apnea syndromes, obstructive; definitions in sleep-disordered breathing, 1287

limitation, distribution of muscle mass and maximal exercise performance in patients with COPD, 93

performance of nasal prongs in sleep studies: spectrum of flowrelated events, 442

potentially dangerous negative intrapleural pressures generated by ordinary pleural drainage systems, 511

Airway: See also Airway obstruction, below; asymptomatic right tracheobronchial mass on chest radiograph, 1582

complications, use of endoscopic argon plasma coagulation in, after solid organ transplantation, 1968

function, body composition analysis and changes in, in obese adults after hypocaloric diet, 1409

gene therapy for pulmonary diseases, 613

geometry, methacholine-induced temporal changes in lung density and, by CT, 1878

hyperresponsiveness and aging: changes in forced vital capacity during methacholine-induced bronchoconstriction in elderly patients with asthma, 1685

hyperresponsiveness, bronchial, relationship between, and development of asthma in wheezy infants, 685

hyperresponsiveness, placebo-controlled clinical trial of regular monotherapy with short-acting and long-acting  $\beta_2$ -agonists in allergic asthmatic patients, 1306

inflammation, cells of asthma, 1299

inflammation, exhaled nitric oxide correlated with induced sputum findings in COPD, 1049

inflammation, heterogeneity of, in persistent asthma: evidence of neutrophilic inflammation and increased sputum interleukin-8, 1329

inflammation, role of nuclear factor-κB activation in, following adenovirus infection and COPD, 1294

invasion, extensive sampling improves preoperative bronchoscopic assessment of, by supracarinal esophageal cancer: a prospective study in 166 patients, 1652

pharmacologic properties of brewery dust extracts in vitro, 1870 prevalence of gastroesophageal reflux in children with tracheomalacia and larvngomalacia, 409

pulmonary carcinoid: presentation, diagnosis and outcome in 142 cases in Israel and review of 640 cases from the literature, 1647

response, late bronchial responses, allergen-induced, in mild asthmatics. 120

responsiveness, association of, with asthma and persistent wheeze in a Chinese population, 691

responsiveness, deleterious effects of inhaled β-agonists: shortacting and long-acting agents differ, 1297

responsiveness, relation between peripheral blood leukocyte counts and respiratory symptoms, atopy, lung function, and, in adults, 105

responsiveness, to methacholine and adenosine 5'-monophosphate and tolerance to bronchoprotection: regular inhaled salbutamol, effect on, 370

successful bronchoscopic placement of tracheobronchial stents without fluoroscopy, 1910

upper, obstruction, effects of levodopa on pulmonary function in Parkinson's disease, 387

upper, resistance syndrome, breath-to-breath variability correlates with apnea-hypopnea index in obstructive sleep apnea, 451

Airway challenge testing: See Bronchial provocation

Airway obstruction: See also Pulmonary diseases, chronic obstructive; chronic, is it really useful to repeat outpatient pulmonary rehabilitation programs in patients with? A 2-year controlled study, 1696

chronic, patients with and without, maximal expiratory flow patterns after single-lung transplantation in, 163

costs of treating COPD in the United States, 344

increased prevalence of gastroesophageal reflux symptoms in patients with COPD, 1043

maximal inspiratory flow rates in patients with COPD, vol. 118:976; erratum, vol. 119:319

nasal obstruction and sleep apnea, 1620

neoplastic, endobronchial argon plasma coagulation for treatment of hemoptysis and, 781

upper, partial, analysis of inspiratory flow shapes in patients with, during sleep, 37

Albuterol, deleterious effects of inhaled  $\beta$ -agonists: short-acting and long-acting agents differ, 1297

hydrofluoroalkane-salbutamol formulation, comparative *in vivo* lung delivery of, via metered-dose inhaler alone, with plastic spacer, or with cardboard tube, 1018 impact of combined inhaled bronchodilator therapy in the treat-

ment of COPD, 85

in patients with COPD, treatment with a combination of formoterol and ipratropium is more effective than a combination of ipratropium and salbutamol, 1374

optimizing bronchodilator therapy for COPD, 1628

placebo-controlled clinical trial of regular monotherapy with short-acting and long-acting  $\beta_2$ -agonists in allergic asthmatic patients, 1306

regular inhaled salbutamol: effect on airway responsiveness to methacholine and adenosine 5′-monophosphate and tolerance to bronchoprotection, 370

salmeterol and conventional asthma therapy, 986, 987

Alkaloidal "crack" cocaine: See Cocaine

Allergen challenge: See Bronchial provocation; Hypersensitivity

Allergy: See Hypersensitivity

Allergic bronchopulmonary aspergillosis: See Aspergillosis

α-defensin: See at Defensin

 $\alpha_1$ -adrenoreceptors: See Adrenergic  $\alpha_1$ -receptors

α<sub>1</sub>-protease inhibitor deficiency: See Protease

Alteplase, antithrombotic therapy, Jan. Suppl., 1S-370S

Alveolar macrophages: See Macrophages

Alveolar proteinosis, focal congenital: See Proteinosis

Alveoli, pulmonary alveolar microlithiasis; patient with palpitations and bilateral pulmonary infiltrates, 1951

Alveolitis, cryptogenic fibrosing, occupational distribution and geographic clustering of deaths certified, in England and Wales, 428 Amantadine, influenza pneumonia in thoracic organ transplant recip-

ients: what can we do to avoid it? 997

Ambulatory care, costs of treating COPD in the United States, 344 effectiveness of outpatient pulmonary rehabilitation in chronic lung disease, 1705

is it really useful to repeat outpatient pulmonary rehabilitation programs in patients with chronic airway obstruction? A 2-year controlled study, 1696

survey of the use of herbal agents among Philadelphia Veterans Affairs Medical Center pulmonary outpatients, 1981

use of inhaled β<sub>2</sub>-agonists for the treatment of asthma in Quebec: a population-based utilization review, 1316

why blame private practitioners? 1288

American College of Chest Physicians, considerations in the relationship between industry and, 1257

evidence base for management of acute exacerbations of COPD: clinical practice guideline, part 1, 1185

management of acute exacerbations of COPD: a summary and appraisal of published evidence, 1190

management of spontaneous pneumothorax: Delphi Consensus Statement, 590

medical and surgical treatment of parapneumonic effusions: an evidence-based guideline, vol. 118:1158; erratum, vol. 119:319 physician education and the pharmaceutical industry, 995

Sixth ACCP Consensus Conference on Antithrombotic Therapy, Jan. Suppl., 1S-370S

time for introspection, 1255

American College of Physicians-American Society of Internal Medicine, management of acute exacerbations of COPD: a summary and appraisal of published evidence, 1190

evidence base for management of acute exacerbations of COPD: clinical practice guideline, part 1, 1185

American Thoracic Society, chest radiography following thoracentesis, 1289

hospital-acquired infections, Feb. Suppl., 371S-430S

Amikacin, systemic antibiotics fail to clear multidrug-resistant Klebsiella from a pediatric ICU, 862

Aminoglycosides, hospital-acquired infections, Feb. Suppl., 371S-4308

Amiodarone, oral, long-term intermittent dobutamine infusion combined with, improves the survival of patients with severe congestive heart failure, 1173

quinidine as an antiarrhythmic, 1617, 1618

Amoxicillin, high-dosage, oral moxifloxacin vs, in the treatment of mild-to-moderate, community-acquired, suspected pneumococcal pneumonia in adults, 185

Amphotericin B, case report of a daetylaria fungal infection in a lung transplant patient, 651

spectrum of Aspergillus infection in lung transplant recipients: case series and review of the literature, 169

Amyotrophic lateral sclerosis, bilevel nasal positive airway pressure and ballooning of the stomach, 1965

Anabolic steroids, nutritional intervention in COPD: a systematic overview, 353

Anastomosis, complications of percutaneous tracheostomy, 1282 effects of bronchial transection and reanastomosis on mucociliary system, 1510

Anemia, severe immune hemolytic, in disseminated tuberculosis with response to antituberculosis therapy, 1961

Anesthesia, placement of the esophageal Doppler ultrasound monitor probe in awake patients, 319

respiratory arrest in the eye clinic, 1953

sedation for pediatric bronchoscopy, 316

status asthmaticus in children: a review, 1913

Aneurysm, atrial septal: See Atrial septal aneurysm

Angina, antithrombotic therapy, Jan. Suppl., 1S-370S

coronary spastic, usefulness of accelerated exercise following mild hyperventilation for the induction of coronary artery spasm: comparison with an acetylcholine test, 155

pectoris, management of a patient with, 287

Angiography, equilibrium radionuclide, elderly patients as candidates for bypass? 318

Angioplasty, antithrombotic therapy, Jan. Suppl., 1S-370S

balloon, treatment of pulmonary artery compression due to fibrous mediastinitis with endovascular stent placement, 966

management of a patient with angina pectoris, 287

unusual complication of retrograde dissection to the coronary sinus of Valsalva during percutaneous revascularization: a singlecatheter experience and literature review, 493

Angiotensin-converting enzyme inhibitors, angiotensin-II receptor antagonists and pneumonia in elderly hypertensive patients with stroke, 660, 661

seniors and systolic hypertension: an unanswered call to arms, 323 therapy improves respiratory muscle strength in patients with heart failure, 1755

Animal investigations: See Laboratory and animal investigations (feature)

Animals, solitary pulmonary nodule with zoonotic implications, 1250 Anoxemia, apnea-induced, during sleep, impairment of vascular endothelial function and left ventricular filling: association with the severity of, 1085

clinical application of a prognostic model for severe communityacquired pneumonia, 312, 313

daytime sleepiness and EEG spectral analysis in apneic patients before and after treatment with continuous positive airway pressure, 45

nocturnal, predictability of oxygen desaturation during sleep in patients with cystic fibrosis: clinical, spirometric, and exercise parameters, 434

pharyngitis, splenomegaly, hilar, and peripheral adenopathy in a 29-year-old man with acute hypoxic respiratory failure, 1586 platypnea-orthodeoxia syndrome: a probably underestimated syn-

drome? 1624

underestimation of nocturnal hypoxemia due to monitoring conditions in patients with COPD, 1820

Anthropometry, thoracic dimensions at maximum lung inflation in normal subjects and in patients with obstructive and restrictive lung diseases, 376

Anti-inflammatory agents, effects of leukotriene-modifying drugs and their use in asthma, 1533

optimizing bronchodilator therapy for COPD, 1628

Antiarrhythmic agents, asymptomatic atrial fibrillation: problems of management, 628

current status of the implantable cardioverter-defibrillator, 1210 quinidine, 1617, 1618

Antibiotics, appropriate microbiological testing in community-acquired pneumonia, 5

bacteria and COPD exacerbations redux, 663, 666

effect of size and disease on estimated deposition of drugs administered using jet nebulization in children with cystic fibrosis, 1123

empiric therapy and mortality among Medicare pneumonia inpatients in 10 western states: 1993, 1995, and 1997, 1420

evidence base for management of acute exacerbations of COPD: clinical practice guideline, part 1, 1185

free range chicken soup, 1976

hospital-acquired infections, Feb. Suppl., 371S-430S

influenza pneumonia: a descriptive study, 1717

macrolide, cost-effectiveness of gatifloxacin vs ceftriaxone with a macrolide for the treatment of community-acquired pneumo-

macrolide, empiric antibiotic therapy and mortality among Medicare pneumonia inpatients in 10 western states: 1993, 1995, and 1997, 1420

management of acute exacerbations of COPD: a summary and appraisal of published evidence, 1190

nonvalue of the initial microbiological studies in the management of nonsevere community-acquired pneumonia, 181

systemic, fail to clear multidrug-resistant Klebsiella from a pediatric ICU, 862

Antibody screen, pharyngitis, splenomegaly, hilar, and peripheral adenopathy in a 29-year-old man with acute hypoxic respiratory failure, 1586

Anticholinergics, status asthmaticus in children: a review, 1913 Anticoagulants, antithrombotic therapy, Jan. Suppl., 1S-370S

asymptomatic atrial fibrillation: problems of management, 628 how safely and for how long can warfarin therapy be withheld in prosthetic heart valve patients hospitalized with major hem-

orrhage? 478

prognostic factors in medically treated patients with chronic pulmonary embolism, 818

Antidepressants, epidemiology of psychiatric medication use in patients recovering from critical illness at a long-term acute-care facility, 547

Antigen, human leukocyte: See HLA

Antigens: See Carcinoembryonic antigen; Streptococcus pneumoniae Antiphospholipid antibodies, antithrombotic therapy, Jan. Suppl., 1S-370S

Antiphospholipid syndrome, antithrombotic therapy, Jan. Suppl., 1S-370S

Antiplatelet agents, antithrombotic therapy, Jan. Suppl., 1S-370S Antiretroviral therapy, highly active, recurrent pulmonary sarcoidosis in HIV-infected patients receiving, 978

Antithrombin, new anticoagulant drugs, antithrombotic therapy, Jan.

Suppl., 1S-370S Antithrombotic therapy, Sixth ACCP Consensus Conference on Antithrombotic Therapy, Jan. Suppl., 1S-370S

Antithyroid drugs, bronchial asthma induced by, 1598Antitrypsin, α<sub>1</sub>-, deficiency, direct medical costs of, 745 deficiency therapy: pieces of the puzzle, 676

gene therapy for pulmonary diseases, 613

longitudinal follow-up of patients with  $\alpha_1$ -protease inhibitor deficiency before and during therapy with IV  $\alpha_1$ -protease inhibitor, 737

Antitubercular agents, severe immune hemolytic anemia in disseminated tuberculosis with response to, 1961

Wegener's granulomatosis responding to, 643

Antiviral agents, influenza: will new diagnostic tests and, make a difference? 1630

influenza pneumonia: a descriptive study, 1717

Anxiety, risk factors for sleep bruxism in the general population, 53 Aorta, antithrombotic therapy, Jan. Suppl., 1S-370S

differential transesophageal echocardiographic diagnosis between linear artifacts and intraluminal flap of aortic dissection or disruption, 1778

graft replacement or lung cancer resection with simultaneous myocardial revascularization without cardiopulmonary bypass, 1941

intralobar pulmonary sequestration, 990, 991

platypnea-orthodeoxia syndrome: a probably underestimated syndrome? 1624

respiratory changes in aortic blood velocity as an indicator of fluid responsiveness in ventilated patients with septic shock, 867

Aortic dissection, differential transcsophageal echocardiographic diagnosis between linear artifacts and intraluminal flap of aortic dissection or disruption, 1778

unusual complication of retrograde dissection to the coronary sinus of Valsalva during percutaneous revascularization: a singlecatheter experience and literature review, 493

Aortic stenosis, dobutamine echocardiography in patients with left ventricular dysfunction and: predicting outcome as a function of management strategy, 1766

Apnea-hypopnea index, breath-to-breath variability correlates with, in obstructive sleep apnea, 451

sleep-disordered breathing in middle-aged adults predicts no significantly higher rates of traffic violations, 1623

treatment effects on carbon dioxide retention in patients with obstructive sleep apnea-hypopnea syndrome, 1814

Apnea, sleep: See Sleep apnea syndromes

Aprotinin, pulmonary injury after cardiopulmonary bypass, 2

ARDS: See Respiratory distress syndrome, adult

Argon, endobronchial plasma coagulation for treatment of hemoptysis and neoplastic airway obstruction, 781

plasma coagulation, endoscopic, in airway complications after solid organ transplantation, 1968

Armed forces: See US Defense Department

Arms, antithrombotic therapy, Jan. Suppl., 1S-370S

Arousal, definitions in sleep-disordered breathing, 1287

Arrhythmias, current status of the implantable cardioverter-defibrillator, 1210

long-term prognostic value of dobutamine stress echocardiography in patients with atrial fibrillation, 144

quinidine as an antiarrhythmic, 1617, 1618

stress testing in cardiac evaluation: current concepts with emphasis on the ECG, 907

Arterial cannulation: See Catheters

Arterial thromboembolism: See Thromboembolism

Arteriovenous malformations, pulmonary, maternal, transcatheter embolotherapy of, during pregnancy, 470

Arteritis, Takayasu's, nitric oxide and molsidomine in t<sup>1</sup> e management of pulmonary hypertension in, 302

Artificial respiration: See Respiration, artificial Asbestos, resolution of pleural effusions, 1547

Asia, sleep apnea: a global perspective, 4

Aspergillosis, allergic bronchopulmonary, frequency of cystic fibrosis transmembrane conductance regulator gene mutations and 5T allele in patients with, 762

Aspergillus fumigatus, differing chest imaging patterns in three patients are caused by one microbe, 1253

Aspergillus infection, spectrum of, in lung transplant recipients: case series and review of the literature, 169

Aspiration, endotracheal, hospital-acquired infections, Feb. Suppl., 371S-430S

repeated, of postpneumonectomy seroma, late mediastinal shift after, 975

Aspirin, antithrombotic therapy, Jan. Suppl., 1S-370S -induced asthma, tacholiquine inhalation and, 670 management of a patient with angina pectoris, 287

Asthma: See also Pulmonary diseases, chronic obstructive; ambulatory use of inhaled β<sub>2</sub>-agonists for the treatment of, in Quebec: a population-based utilization review, 1316

anti-inflammatory and lung function effects of montelukast in asthmatic volunteers exposed to sulfur dioxide, 402

anti-inflammatory effects of leukotriene-modifying drugs and their use in, 1533

association of airway responsiveness with persistent wheeze and, in a Chinese population, 691

bronchial, induced by an antithyroid drug, 1598

cells of, 1299

changes in forced vital capacity during methacholine-induced bronchoconstriction in elderly patients with: bronchial hyperresponsiveness and aging, 1685 clinical research, utility of peak flow, symptom scores, and β-ago-

nist use as outcome measures in, 1027

comparisons of peak diurnal expiratory flow variation, postbronchodilator  ${\rm FEV}_1$  responses, and methacholine inhalation challenges in the evaluation of suspected asthma, 1001

conventional therapy and salmeterol, 986, 987 costs of treating COPD in the United States, 344

costs of treating COFD in the United States, 344 deleterious effects of inhaled β-agonists: short-acting and longacting agents differ, 1297

determinants of allergen-induced late bronchial responses in mild asthmatics, 120

determinants of different dimensions of disease severity in COPD and: pulmonary function and health-related quality of life, 1034

dose-response relationship and reproducibility of the fall in exhaled nitric oxide after inhaled beclomethasone dipropionate therapy in asthma patients, 1322

effect of physical and chemical methods of homogenization on inflammatory mediators in sputum of patients, 1521

effectiveness and safety of salmeterol in nonspecialist practice settings, 714

efficacy of IV theophylline in children with severe status asthmaticus, 1480

evaluation of salmeterol or montelukast as second-line therapy for, not controlled with inhaled corticosteroids, 1021 fluticasone and cortisol measurements, 984

gender bias in the diagnosis of COPD, 1691

influence of gender on rates of hospitalization, hospital course, and hypercapnia in high-risk patients admitted for: a 10-year retrospective study at Yale-New Haven hospital, 115

is it really useful to repeat outpatient pulmonary rehabilitation programs in patients with chronic airway obstruction? a 2-year

controlled study, 1696

lactic acidosis in status asthmaticus: three cases and review of the literature, 1599

methacholine challenge testing in Reserve Officer Training Corps cadets, 701

montelukast and Churg-Strauss syndrome, 668

persistent, heterogeneity of airway inflammation in: evidence of neutrophilic inflammation and increased sputum interleukin-8, 1329

placebo-controlled clinical trial of regular monotherapy with shortacting and long-acting β<sub>2</sub>-agonists in allergic patients, 1306 prevalence of exercise-induced bronchospasm among US Army

recruits and its effects on physical performance, 1676

reality-based medicine-the response, 992

regular inhaled salbutamol: effect on airway responsiveness to methacholine and adenosine 5'-monophosphate and tolerance to bronchoprotection, 370 regularly scheduled inhaled bronchodilators and maintenance

therapy, 987, 988

relation between peripheral blood leukocyte counts and respiratory symptoms, atopy, lung function, and airway responsiveness in adults, 105

relationship between bronchial hyperresponsiveness and development of asthma in wheezy infants, 685

risk of hospitalization in Canada: the role of socioeconomic and demographic factors, 708

short-term budesonide dosage, 309

smoking, respiratory symptoms, and diseases: a comparative study between northern Sweden and northern Finland; report from the FinEsS study, 852

stable, well-controlled, mild exacerbations and eosinophilic inflammation in patients with, after 1 year of follow-up, 1011

status asthmaticus in children: a review, 1913

tolerance to the protective effect of salmeterol on allergen challenge can be partially restored by the withdrawal of salmeterol regular treatment, 1671

underuse of inhaled steroid therapy in elderly patients with, 720 Atelectasis, diaphragmatic eventration: an uncommon presentation of a phrenic nerve schwannoma, 1615

rounded; a 51-year-old man with a complicated medical history and abnormal chest radiographic finding, 1948

use of an implantable pleural catheter for trapped lung syndrome in patients with malignant pleural effusion, 1641 Atherothrombosis, antithrombotic therapy. Jan. Suppl., 1S-370S

Atopy: See Hypersensitivity

Atorvastatin, management of a patient with angina pectoris, 287 Atrial fibrillation, acute ventricular rate control in: IV combination of

diltiazem and digoxin vs IV diltiazem alone, 502

antithrombotic therapy, Jan. Suppl., 1S-370S asymptomatic: problems of management, 628

long-term prognostic value of dobutamine stress echocardiography in patients with, 144

nonrheumatic, left atrial appendage flow in: relationship with pulmonary venous flow and ECG fibrillatory wave amplitude,

quinidine as an antiarrhythmic, 1617, 1618

recurrent mitral stenosis: problems of management, 958

Atrial natriuretic peptide, effect of cardiomyoplasty on left atrial function in experimental canine models, 1526

Atrial septal aneurysm, antithrombotic therapy, Jan. Suppl., 1S-370S Atrial septal defects, platypnea-orthodeoxia syndrome: a probably underestimated syndrome? 1624

Atrium, left appendage flow in nonrheumatic atrial fibrillation: relationship with pulmonary venous flow and ECG fibrillatory wave amplitude, 485

left, function, effect of cardiomyoplasty on, in experimental canine models, 1526

Attention deficit hyperactivity disorder in adults and obstructive sleep apnea, 294

Auditory detection of simulated crackles in breath sounds, 1886 Auscultation, auditory detection of simulated crackles in breath sounds, 1886

Authors, ethics, 321

Automobiles, current status of the implantable cardioverter-defibrillator, 1210

sleep-disordered breathing in middle-aged adults predicts no significantly higher rates of traffic violations, 1623

Autonomic nervous system, continuous positive airway pressure normalizes cardiac autonomic and hemodynamic responses to a laboratory stressor in apneic patients, 1092 status asthmaticus in children: a review, 1913

Autopsies, consecutive, study of, autopsies in a medical ICU: a comparison of clinical cause of death and autopsy diagnosis, 530 Autosomal recessive inheritance: See Genetics

Bacteremia, appropriate microbiological testing in community-acquired pneumonia, 5

Bacteria, COPD exacerbations and, redux, 663, 666 hospital-acquired infections, Feb. Suppl., 371S-430S

Bacterial infections, see also Pneumonia; names of specific bacteria; etiology of community-acquired pneumonia requiring hospitalization in Japan, 1295

hospital-acquired infections, Feb. Suppl., 371S-430S

BAL: See Bronchoalveolar lavage

Barotrauma, status asthmaticus in children: a review, 1913

Basophils, relation between peripheral blood leukocyte counts and respiratory symptoms, atopy, lung function, and airway responsiveness in adults, 105

Beclomethasone, dipropionate, inhaled, dose-response relationship and reproducibility of the fall in exhaled nitric oxide after therapy in asthma patients, 1322 Behçet's disease, some historical notes on, 667

Benzodiazepines, epidemiology of psychiatric medication use in patients recovering from critical illness at a long-term acute-care facility, 547

Bernheim phenomenon, effect of right ventricular dysfunction on left ventricular form and function, 1632

Beryllium, marked tachypnea in siblings with chronic beryllium disease due to copper-beryllium alloy, 647

B-defensin: See at Defensin

β-lactamases, hospital-acquired infections, Feb. Suppl., 371S-430S β-lactams, hospital-acquired infections, Feb. Suppl., 371S-430S

Billroth, Theodor, Brahms' illness, 985

Bioethics: See Ethics

Biological markers, BAL neopterin: a novel marker for cell-mediated immunity in patients with pulmonary tuberculosis and lung cancer, 776

diagnostic value of CYFRA 21-1 tumor marker and CEA in pleural effusion due to mesothelioma, 1138

Biopsy, blind forceps, utility of, of the main carina and upper-lobe carina in patients with non-small cell lung cancer, 632

CT fluoroscopy guidance for transbronchial needle aspiration; an experience in 35 patients, 329

hospital-acquired infections, Feb. Suppl., 371S-430S

injury, lethal hemoptysis caused by, of an abnormal bronchial artery, 1612

top ten list in sarcoidosis, 1930

utility of Wang needle aspiration in the diagnosis of actinomycosis,

Birth defects: See Abnormalities

Bivalirudin, antithrombotic therapy, Jan. Suppl., 1S-370S

Blebs, bullae and/or, are of no importance and have no predictive value for recurrences in patients with primary spontaneous pneumothorax, 1976, 1977

CT scanning and bilateral surgery for unilateral primary pneumothorax? 1293, 1294

Blood: See also Blood pressure, below; Leukocytes; Platelets: antithrombotic therapy, Jan. Suppl., 1S-370S

2003

BAL induces an increase in peripheral blood neutrophils and cytokine levels in healthy volunteers and patients with pneumonia, 1724

carboxyhemoglobin, half-life of, 661, 662

culture, appropriate microbiological testing in community-acquired pneumonia, 5

culture, nonvalue of the initial microbiological studies in the management of nonsevere community-acquired pneumonia, 181

do transfusions improve outcomes related to mechanical ventilation? 1850

endobronchial argon plasma coagulation for treatment of hemoptysis and neoplastic airway obstruction, 781

evaluating sodium bicarbonate controversy, 1622

fluticasone and cortisol measurements, 984

gases, impact of a hospital-based home-care program on the management of COPD patients receiving long-term oxygen therapy, 364

incidence and predictors of ARDS after cardiac surgery, 884 increased endothelial injury in septic patients with coronary artery

disease, 874

plasma, α<sub>1</sub>-antitrypsin deficiency therapy: pieces of the puzzle, 676 plasma and BAL fluid concentrations of antimicrobial peptides in patients with *Mycobacterium avium-intracellulare* infection, 1131

pleural to serum cholinesterase ratio in separation of transudative and exudative pleural effusions, 989, 990

relationship between pleural fluid and serum cholesterol levels, 204

steady-state plasma and intrapulmonary concentrations of levofloxacin and ciprofloxacin in healthy adult subjects, 1114

transfusion, etiology of acute pulmonary edema during liver transplantation: a series of cases with analysis of the edema fluid, 219

transfusion of components and postoperative infection in patients undergoing cardiac surgery, 1461

velocity, aortic, respiratory changes in, as an indicator of fluid responsiveness in ventilated patients with septic shock, 867

Blood pressure: See also Hypertension; hemodynamic effects of simulated obstructive apneas in humans with and without heart failure, 1827

seniors and systolic hypertension: an unanswered call to arms, 323 stress testing in cardiac evaluation: current concepts with emphasis on the ECG, 907

Body composition, analysis and changes in airways function in obese adults after hypocaloric diet, 1409

distribution of muscle mass and maximal exercise performance in patients with COPD, 93

Body mass, effect of size and disease on estimated deposition of drugs administered using jet nebulization in children with cystic fibrosis, 1123

Body mass index: See also Obesity; Weight loss; community study of sleep-disordered breathing in middle-aged Chinese men in Hong Kong, 62

Body position: See Posture

Body weight: See also Obesity; Weight loss; effect of weight loss on the ECG of normotensive morbidly obese patients, 507 nutritional intervention in COPD; a systematic overview, 353

Botulinum toxin, paradoxical vocal cord movement, 1619

Bowels: See Gastrointestinal system

Brachial artery, impairment of vascular endothelial function and left ventricular filling; association with the severity of apnea-induced hypoxemia during sleep, 1085

Brahms, Johannes, illness, 985 musical snoring, 1621

Brain: See also Intracranial pressure; antithrombotic therapy, Jan. Suppl., 1S-370S

is off-pump cardiac surgery better for [it]? 1

synchronous metastases, surgical management of non-small cell lung cancer with, 1469

Breast neoplasms, cigarette smoking and the risk of pulmonary metastasis from, 1635

cigarette smoking, pulmonary metastases and breast carcinoma: coincidence or causality? 1627 Breathing: See Respiration; Work of breathing;

Breathlessness: See Dyspnea

Brewery dust, extracts, pharmacologic properties of, in vitro, 1870 Bronchi, asymptomatic right tracheobronchial mass on chest radiograph, 1582

Bronchial artery, abnormal, lethal hemoptysis caused by biopsy injury of, 1612

Bronchial atresia, lung mass in a smoker, 947

Bronchial cartilage, a 60-year-old man with recurrent pneumonias, 1590

Bronchial hyperresponsiveness: See Airway hyperresponsiveness; Airway responsiveness

Bronchial lavage, status asthmaticus in children: a review, 1913

Bronchial neoplasms, endobronchial argon plasma coagulation for treatment of hemoptysis and neoplastic airway obstruction, 781 endoluminal metastases of the tracheobronchial tree: is there any way out? 679

endotracheal/endobronchial metastases: clinicopathologic study with special reference to developmental modes, 768

late mediastinal shift after repeated aspiration of postpneumonectomy seroma, 975

pulmonary carcinoid: presentation, diagnosis and outcome in 142 cases in Israel and review of 640 cases from the literature, 1647

typical and atypical pulmonary carcinoids: outcome in patients presenting with regional lymph node involvement, 1143

Bronchial provocation, changes in forced vital capacity during methacholine-induced bronchoconstriction in elderly patients with asthma: bronchial hyperresponsiveness and aging, 1685

comparisons of peak diurnal expiratory flow variation, postbronchodilator  ${\rm FEV_1}$  responses, and methacholine inhalation challenges in the evaluation of suspected asthma, 1001

deleterious effects of inhaled  $\beta$ -agonists: short-acting and long-acting agents differ, 1297

determinants of allergen-induced late bronchial responses in mild asthmatics, 120

methacholine challenge testing in Reserve Officer Training Corps cadets, 701

methacholine-induced temporal changes in airway geometry and lung density by CT, 1878

regular inhaled salbutamol: effect on airway responsiveness to methacholine and adenosine 5'-monophosphate and tolerance to bronchoprotection, 370

tolerance to the protective effect of salmeterol on allergen challenge can be partially restored by the withdrawal of salmeterol regular treatment, 1671

Bronchial transection, effects of, and reanastomosis on mucociliary system, 1510

Bronchiectasis, no association of tumor necrosis factor-α gene polymorphism and COPD in Caucasian smokers and Japanese smokers, 315

the 24-h effect of mannitol on the clearance of mucus in patients with bronchiectasis,  $414\,$ 

Bronchiolitis, relationship between bronchial hyperresponsiveness and development of asthma in wheezy infants, 685

Bronchiolitis obliterans syndrome, influenza pneumonia in lung transplant recipients: clinical features and association with, 1277 Bronchitis, bacteria and COPD exacerbations redux, 663, 666

chronic, salmeterol plus the ophylline combination therapy in the treatment of COPD,  $1661\,$ 

chronic, smoking, respiratory symptoms, and diseases: a comparative study between northern Sweden and northern Finland; report from the FinEsS study, 852

costs of treating COPD in the United States, 344

relationship between bronchial hyperresponsiveness and development of asthma in wheezy infants, 685

spectrum of Aspergillus infection in lung transplant recipients: case series and review of the literature, 169

Bronchoalveolar lavage, fluid and plasma concentrations of antimicrobial peptides in patients with Mycobacterium avium-intracellulare infection, 1131

hospital-acquired infections, Feb. Suppl., 371S-430S

induces an increase in peripheral blood neutrophils and cytokine levels in healthy volunteers and patients with pneumonia, 1724

neopterin: a novel marker for cell-mediated immunity in patients with pulmonary tuberculosis and lung cancer, 776

pulmonary cytomegalovirus infection in immunocompromised patients, 838

serum IgG levels and, in healthy asymptomatic HIV-infected patients, 196

vascular endothelial growth factor in human lung transplantation, 137

Bronchoconstriction, anti-inflammatory and lung function effects of montelukast in asthmatic volunteers exposed to sulfur dioxide, 402

methacholine-induced, changes in forced vital capacity during, in elderly patients with asthma: bronchial hyperresponsiveness and aging, 1685

methacholine-induced temporal changes in airway geometry and lung density by CT, 1878

Bronchoconstrictors, regular inhaled salbutamol: effect on airway responsiveness to methacholine and adenosine 5'-monophosphate and tolerance to bronchoprotection, 370

Bronchodilators, comparisons of peak diurnal expiratory flow variation, postbronchodilator FEV<sub>1</sub> responses, and methacholine inhalation challenges in the evaluation of suspected asthma, 1001

compliance with treatment, 988, 989

deception in inhaler use, 1291, 1292

evidence base for management of acute exacerbations of COPD: clinical practice guideline, part 1, 1185

impact of combined inhaled therapy in the treatment of COPD, 85 management of acute exacerbations of COPD: a summary and appraisal of published evidence, 1190

optimizing therapy for COPD, 1628

regularly scheduled inhaled, and maintenance asthma therapy, 987, 988

salmeterol and conventional asthma therapy, 986, 987

salmeterol plus theophylline combination therapy in the treatment of COPD, 1661

tolerance to the protective effect of salmeterol on allergen challenge can be partially restored by the withdrawal of salmeterol regular treatment, 1671

Bronchoesophageal fistula, a 52-year-old woman with recurrent hemoptysis, 955

Bronchoprotection, regular inhaled salbutamol: effect on airway responsiveness to methacholine and adenosine 5'-monophosphate and tolerance to, 370

salmeterol and conventional asthma therapy, 986, 987

tolerance to the protective effect of salmeterol on allergen challenge can be partially restored by the withdrawal of salmeterol regular treatment, 1671

Bronchopulmonary aspergillosis: See Aspergillosis

Bronchopulmonary dysplasia, urinary leukotriene E<sub>4</sub> excretion during the first month of life and subsequent, in premature infants, 1749

Bronchopulmonary sequestration, intralobar pulmonary sequestration, 990, 991

Bronchoscopy, CT fluoroscopy guidance for transbronchial needle aspiration: an experience in 35 patients, 329

endobronchial argon plasma coagulation for treatment of hemoptysis and neoplastic airway obstruction, 781

fiberoptic, extensive sampling improves preoperative assessment of airway invasion by supracarinal esophageal cancer: a prospective study in 166 patients, 1652

flexible, do all patients require supplemental oxygen during? 1906 flexible, hemoptysis in patients with renal insufficiency: the role of, 788

hospital-acquired infections, Feb. Suppl., 371S-430S

lethal hemoptysis caused by biopsy injury of an abnormal bronchial artery, 1612

pediatric, sedation for, 316

spectrum of Aspergillus infection in lung transplant recipients: case series and review of the literature, 169

status asthmaticus in children: a review, 1913

successful placement of tracheobronchial stents without fluoroscopy, 1910

use of endoscopic argon plasma coagulation in airway complications after solid organ transplantation, 1968

via continuous positive airway pressure for patients with respiratory failure, 670

Bronchoscopy (feature), do all patients require supplemental oxygen during flexible bronchoscopy? 1906

successful bronchoscopic placement of tracheobronchial stents without fluoroscopy, 1910

utility of blind forceps biopsy of the main carina and upper-lobe carina in patients with non-small cell lung cancer, 632

Bronchospasm, exercise-induced, prevalence of among US Army recruits and its effects on physical performance, 1676

status asthmaticus in children: a review, 1913

Bronchovaxom, safety and efficacy of two courses of OM-85 BV in the prevention of respiratory tract infections in children during 12 months, 1742

Bronchus, Dieulafoy's disease of the, in association with a paravertebral neurilemoma, 292

Bruxism, sleep, risk factors for, in the general population, 53

Budesonide, short-term dosage, 309

Bullae, blebs and/or, are of no importance and have no predictive value for recurrences in patients with primary spontaneous pneumothorax, 1976, 1977

CT scanning and bilateral surgery for unilateral primary pneumothorax? 1293, 1294

Bupivacaine, respiratory arrest in the eye clinic, 1953

Bupropion, for smoking cessation: predictors of successful outcome, 1357

Burns, antithrombotic therapy, Jan. Suppl., 1S-370S

severe, pneumonia in patients with: a classification according to the concept of the carrier state, 1160

Bypass: See Cardiopulmonary bypass; Coronary artery bypass graft

Cadavers, transmission of Mycobacterium tuberculosis to a funeral director during routine embalming, 640

Calcification, at the left cardiac border, 618

Calcium antagonists, coronary vasospasm in hypertrophic cardiomyopathy, 1289, 1290

Calcium-channel blockers, continuous calcium chloride infusion for massive nifedipine overdose, 1280

Calcium chloride, continuous infusion for massive nifedipine overdose, 1280

Canada, ambulatory use of inhaled \(\beta\_2\)-agonists for the treatment of asthma in Quebec: a population-based utilization review, 1316 asthma and the risk of hospitalization in: the role of socioeconomic and demographic factors, 708

long-term ventilation for patients with Duchenne muscular dystrophy: physicians' beliefs and practices, 940

Cancer: See Neoplasms; names of specific types of cancer, eg, Carcinoma; areas of the body affected, eg, Pulmonary neoplasms

Carbapenems, hospital-acquired infections, Feb. Suppl., 3715-4308.
Carbon dioxide, noninvasive assessment of pulmonary perfusion abnormality in patients with primary pulmonary hypertension, 824.

retention, treatment effects on, in patients with obstructive sleep apnea-hypopnea syndrome, 1814

significance of end-tidal  $PCO_2$  response to exercise and its relation to functional capacity in patients with chronic heart failure, 811

size and composition changes in diaphragmatic fibers in rats exposed to chronic hypercapnia, 565

Carbon monoxide, diffusing capacity, functional significance of the decreased attenuation sign on expiratory CT in pulmonary sarcoidosis: report of four cases, 1270

half-life of blood carboxyhemoglobin, 661, 662

Carboxyhemoglobin, half-life of, 661, 662

Carcinoembryonic antigen, diagnostic value of CYFRA 21–1 tumor marker and, in pleural effusion due to mesothelioma, 1138 pulmonary resection for metastases from colorectal cancer, 1069 Carcinogens, cigarette smoking, pulmonary metastases and breast carcinoma: coincidence or causality? 1627

Carcinoid, late mediastinal shift after repeated aspiration of postpneumonectomy seroma, 975

pulmonary: presentation, diagnosis and outcome in 142 cases in Israel and review of 640 cases from the literature, 1647

surgical spectrum of pulmonary neuroendocrine neoplasms, 14 typical and atypical pulmonary: outcome in patients presenting with regional lymph node involvement, 1143

Carcinoma, breast, cigarette smoking, pulmonary metastases and: coincidence or causality? 1627

bronchogenic, cigarette smoking, pulmonary metastases and breast carcinoma: coincidence or causality? 1627

bronchogenic, endobronchial argon plasma coagulation for treatment of hemoptysis and neoplastic airway obstruction, 781

bronchogenic, endotracheal/endobronchial metastases: clinicopathologic study with special reference to developmental modes, 768

bronchogenic, staging by positron emission tomography predicts survival in patients with non-small cell lung cancer, 333

cavoatrial hepatocellular, pulmonary tumor embolism as a presenting feature of, 657

diagnostic value of CYFRA 21–1 tumor marker and CEA in pleural effusion due to mesothelioma, 1138

small-cell, BAL neopterin: a novel marker for cell-mediated immunity in patients with pulmonary tuberculosis and, 776 surgical spectrum of pulmonary neuroendocrine neoplasms, 14

Cardiac death, sudden: See Heart

Cardiac output, hemodynamic effects of simulated obstructive apneas in humans with and without heart failure, 1827

impaired left ventricular filling due to right ventricular pressure overload in primary pulmonary hypertension: noninvasive monitoring using MRI, 1761

respiratory changes in aortic blood velocity as an indicator of fluid responsiveness in ventilated patients with septic shock, 867

significance of end-tidal PCO<sub>2</sub> response to exercise and its relation to functional capacity in patients with chronic heart failure, 811

Cardiac surgery: See Heart surgery

Cardiac tamponade, use of smaller, more flexible chest drains following open heart surgery: an initial evaluation, 19

Cardiology, digital echocardiography: its role in modern medical practice, 271

Cardiomyocytes, protecting the myocardium from ischemic injury: a critical role for  $\alpha_1$ -adrenoreceptors? 1242

Cardiomyopathy, hypertrophic, coronary vasospasm in, 1289, 1290 significance of end-tidal PCO<sub>2</sub> response to exercise and its relation to functional capacity in patients with chronic heart failure, 811

Cardiomyoplasty, effect of, on left atrial function in experimental canine models, 1526

Cardiopulmonary arrest: See Heart arrest

Cardiopulmonary bypass, coronary artery bypass performed without the use of, is associated with reduced cerebral microemboli and improved clinical results, 25

critical interactions: man and machine, 996

evidence for inflammatory responses of the lungs during coronary artery bypass grafting with, 31

incidence and predictors of ARDS after cardiac surgery, 884 is off-pump cardiac surgery better for the brain? 1

lung cancer resection or aortic graft replacement with simultaneous myocardial revascularization without, 1941 pulmonary injury after ["pump lung"], 2

Cardiopulmonary disease, clinical problems in, asymptomatic atrial fibrillation: problems of management, 628

management of a patient with angina pectoris, 287 recurrent mitral stenosis: problems of management, 958

sarcoidosis involving multiple systems: diagnostic and therapeutic challenges, 1593

Cardiopulmonary exercise testing: See Exercise

Cardiopulmonary medicine, ethics in (feature): See Ethics in cardiopulmonary medicine

Cardiorespiratory testing: See Exercise

Cardiovascular system, sleep apnea: a global perspective, 4

Cardioversion, asymptomatic atrial fibrillation: problems of management, 628

quinidine as an antiarrhythmic, 1617, 1618

Cardioverters, current status of the implantable cardioverter-defibrillator, 1210

Caregiver strain associated with tracheostomy in chronic respiratory failure, 1498

Carina, main and upper-lobe, utility of blind forceps biopsy of, in patients with non-small cell lung cancer, 632

Carotid endarterectomy, antithrombotic therapy, Jan. Suppl., 1S-370S

Catheter-based balloon valvuloplasty, recurrent mitral stenosis: problems of management, 958

Catheters, aerosolized iloprost therapy could not replace long-term IV epoprostenol (prostacyclin) administration in severe pulmonary hypertension, 296

aerosolized iloprost therapy could not replace long-term IV epoprostenol (prostacyclin) administration in severe pulmonary hypertension, 296

antithrombotic therapy, Jan. Suppl., 1S-370S

arterial cannulation, long-term, in ICU patients using the radial artery or dorsalis pedis artery, 901

iatrogenic paradoxical air embolism in pulmonary hypertension, 1602

implantable pleural, use of, for trapped lung syndrome in patients with malignant pleural effusion, 1641

[Swan-Ganz] pulmonary artery catheterization in the ICU/critical care unit: indications and contraindications, 999

[transcatheter closure]; platypnea-orthodeoxia syndrome: a probably underestimated syndrome? 1624

unusual complication of retrograde dissection to the coronary sinus of Valsalva during percutaneous revascularization: a singlecatheter experience and literature review, 493

Cationic protein, eosinophil, determinants of allergen-induced late bronchial responses in mild asthmatics, 120

Cavitary lung disease: See Pulmonary diseases

Cavoatrial hepatocellular carcinoma: See Carcinoma Cefepime, hospital-acquired infections, Feb. Suppl., 371S-430S

Ceftazidime, hospital-acquired infections, Feb. Suppl., 371S-430S Ceftriaxone, cost-effectiveness of gatifloxacin vs, with a macrolide for

the treatment of community-acquired pneumonia, 1439 Central nervous system, critical interactions: man and machine, 996 sarcoidosis involving multiple systems: diagnostic and therapeutic

challenges, 1593
Cephalosporins, hospital-acquired infections, Feb. Suppl., 371S-430S
Cerebral microemboli, is off-pump cardiac surgery better for the brain? 1

reduced, coronary artery bypass performed without the use of cardiopulmonary bypass is associated with improved clinical results and, 25

Cerebrospinal fluid, evaluating sodium bicarbonate controversy, 1622 Charcoal production workers: See Occupational exposure

Chemotherapy, combination, in patients with malignant pleural effusions from non-small cell lung cancer: cisplatin, ifosfamide, and irinotecan with recombinant human granulocyte colony-stimulating factor support, 340

CHEST, publishing and research ethics, 321

CHEST 2000, considerations in the relationship between the American College of Chest Physicians and industry, 1257 time for introspection, 1255

physician education and pharmaceutical industry, 995

Chest, pain, clinical utility of the exercise ECG in patients with diabetes and, 1576

pain, coronary vasospasm in hypertrophic cardiomyopathy, 1289, 1290

pain, simple treadmill score to diagnose coronary disease, 1933 severe pectus excavatum associated with cor pulmonale and chronic respiratory acidosis in a young woman, 1957

thoracic dimensions at maximum lung inflation in normal subjects and in patients with obstructive and restrictive lung diseases, 376

Chest tube drainage, pneumothorax: is chest tube clamp necessary before removal? 1292, 1293

potentially dangerous negative intrapleural pressures generated by ordinary pleural drainage systems, 511

use of smaller, more flexible chest drains following open heart surgery: an initial evaluation, 19

Chest tubes, management of spontaneous pneumothorax: an American College of Chest Physicians Delphi Consensus Statement,

Chest wall, elastic recoil of lung and lung reduction surgery, 1981

Chicken soup: See Nutrition Children, antithrombotic therapy, Jan. Suppl., 1S-370S

attention deficit hyperactivity disorder in adults and obstructive sleep apnea, 294

efficacy of IV theophylline in children with severe status asthmaticus, 1480

evaluating the validity of responsiveness to inhaled nitric oxide in pediatric patients with ARDS: an analytic tool, 1166

evaluation of different minimally invasive techniques in pediatric cardiac surgery: is a full sternotomy always a necessity? 622 extubation failure in a large pediatric ICU population, 897

high-frequency ventilation and the prevention of ventilator-associated lung injury, 1978

microbiology of pediatric primary pulmonary tuberculosis, 1434 prevalence of gastroesophageal reflux in, with tracheomalacia and laryngomalacia, 409

relationship between bronchial hyperresponsiveness and development of asthma in wheezy infants, 685

safety and efficacy of two courses of OM-85 BV in the prevention of respiratory tract infections in, during 12 months, 1742

sedation for pediatric bronchoscopy, 316

status asthmaticus in children: a review, 1913

systemic antibiotics fail to clear multidrug-resistant Klebsiella from a pediatric ICU, 862

urinary leukotriene E4 excretion during the first month of life and subsequent bronchopulmonary dysplasia in premature infants, 1749

with acute respiratory failure, randomized trial of prolonged prone positioning in, 211

with cystic fibrosis, effect of size and disease on estimated deposition of drugs administered using jet nebulization in, 1123

China, association of airway responsiveness with asthma and persistent wheeze in a Chinese population, 691 community study of sleep-disordered breathing in middle-aged

Chinese men in Hong Kong, 62

Chiropractic, diaphragmatic paralysis following cervical manipula-tion: case report and review, 638

Chlamydia pneumoniae, asymptomatic respiratory infection with: what does it mean? 1303

etiology of community-acquired pneumonia requiring hospitalization in Japan, 1295

prevalence of asymptomatic infection with, in subjectively healthy adults, 1416

Chlamydial pneumonias, resolution of pleural effusions, 1547

Chlorofluorocarbons, comparative in vivo lung delivery of hydrofluoroalkane-salbutamol formulation via metered-dose inhaler alone, with plastic spacer, or with cardboard tube, 1018

Chloroquine, top ten list in sarcoidosis, 1930

Cholecystitis, acute acalculous, GI complications in patients receiving mechanical ventilation, 1222

Cholesterol, lipid-lowering agents and artery endothelial function, 1979

management of a patient with angina pectoris, 287 serum, levels, relationship between pleural fluid and, 204

Cholinesterase, pleural to serum cholinesterase ratio in separation of transudative and exudative pleural effusions, 989, 990

Chromatography: See Immunochromatographic assay

Chronic obstructive pulmonary diseases: See Pulmonary diseases, chronic obstructive

Churg-Strauss syndrome, montelukast and, 668

Chylothorax, somatostatin in the treatment of, 964

Cigarettes: See Smoking

Cilostazol, antithrombotic therapy, Jan. Suppl., 1S-370S

Ciprofloxacin, steady-state plasma and intrapulmonary concentrations of levofloxacin and, in healthy adult subjects, 1114

Circadian rhythm: See Time

Circumflex artery, intralobar pulmonary sequestration, 990, 991

Cisplatin, combination chemotherapy in patients with malignant pleural effusions from non-small cell lung cancer: ifosfamide, irinotecan and, with recombinant human granulocyte colonystimulating factor support, 340

Citrobacter, hospital-acquired infections, Feb. Suppl., 371S-430S

Clinical guidelines: See Guidelines

Clinical investigations in critical care (feature): See Critical care, clinical investigations in

Clinical practice: See Medical practice

Clinical problems in cardiopulmonary disease (feature): See Cardiopulmonary disease, clinical problems in

Clopidogrel, antithrombotic therapy, Jan. Suppl., 1S-370S

Clostridium septicum, a 55-year-old man with fever, renal failure, and hip pain, 281

Cocaine, increased lower respiratory tract iron concentrations in alkaloidal ("crack") cocaine users, 422

Coccidioides immitis, resolution of pleural effusions, 1547

Cold: See Temperature

Cold remedies: See Dextromethorphan

Colistin, inhaled, treatment in cystic fibrosis, nebulizer choice for,

Colitis, ticlopidine-induced interstitial pulmonary disease: a case report, 1963

Collagen vascular diseases, effect of a serotonin receptor antagonist on interleukin-6-induced pulmonary hypertension in rats, 554

College, ACCP medical personnel services, Jan. pp. A-21, ff; Feb. pp. A-17, ff; Mar. pp. A-24, ff; Apr. pp. A-16, ff; May pp. A-16 ff; June pp. A-16 ff

Colonoscopy, a 55-year-old man with fever, renal failure, and hip pain, 281

Colorectal neoplasms, pulmonary resection for metastases from, 1069 Coma, evaluating sodium bicarbonate controversy, 1622

Combination drugs: See Drug combinations

Commerce, considerations in the relationship between the American College of Chest Physicians and industry, 1257

physician education and the pharmaceutical industry, 995 time for introspection, 1255

Compliance: See Patient compliance

Complications: See Intraoperative complications; Postoperative complications; Pulmonary complications

Computed tomography: See Tomography, computed

Computers, hospital-acquired infections, Feb. Suppl., 371S-430S is it time to jump on the digital echocardiography bandwagon? 12 sleep tools, 1303 telephone-linked system for COPD care, 1565

Congenital alveolar proteinosis, focal: See Proteinosis

Connective tissue disease, pulmonary arterial hypertension and thyroid disease, 1980

Consensus statements, management of spontaneous pneumothorax: an American College of Chest Physicians Delphi Consensus Statement, 590

medical and surgical treatment of parapneumonic effusions: an evidence-based guideline, vol. 118:1158; erratum, vol. 119:319 Sixth ACCP Consensus Conference on Antithrombotic Therapy,

Jan. Suppl., 1S-370S COPD: See Pulmonary diseases, chronic obstructive

Copper-beryllium alloy, marked tachypnea in siblings with chronic beryllium disease due to, 647

Cor pulmonale, severe pectus excavatum associated with chronic respiratory acidosis and, in a young woman, 1957

Coronary angioplasty: See Angioplasty

Coronary artery, antithrombotic therapy, Jan. Suppl., 1S-370S lipid-lowering agents and artery endothelial function, 1979

spasm, induction of, usefulness of accelerated exercise following mild hyperventilation for: comparison with an acetylcholine test, 155

vasospasm in hypertrophic cardiomyopathy, 1289, 1290

Coronary artery bypass graft, elderly patients as candidates for bypass? 318

elderly patients as candidates for bypass? 318

evidence for inflammatory responses of the lungs during, with cardiopulmonary bypass, 31

2007

factors associated with prolonged mechanical ventilation following,

is off-pump cardiac surgery better for the brain? 1

lung cancer resection or aortic graft replacement with simultaneous myocardial revascularization without cardiopulmonary bypass, 1941

patients, effect of ischemic preconditioning on myocardial protection in: can the free radicals act as a trigger for ischemic preconditioning? 1061

performed without the use of cardiopulmonary bypass is associated with reduced cerebral microemboli and improved clinical results 25

resolution of pleural effusions, 1547

symptomatic persistent post-[operative] pleural effusions requiring operative treatment: clinical and histologic features, 795 use of smaller, more flexible chest drains following open heart

surgery: an initial evaluation, 19

Coronary disease, antithrombotic therapy, Jan. Suppl., 1S-370S clinical utility of the exercise ECG in patients with diabetes and chest pain, 1576

current status of the implantable cardioverter-defibrillator, 1210 increased endothelial injury in septic patients with, 874

lung cancer resection or aortic graft replacement with simultaneous myocardial revascularization without cardiopulmonary bypass, 1941

management of a patient with angina pectoris, 287

simple treadmill score to diagnose coronary disease, 1933 Coronary sinus of Valsalva, unusual complication of retrograde dissection to, during percutaneous revascularization: a singlecatheter experience and literature review, 493

Correctional facilities: See Prisons

Corticosteroids, ambulatory use of inhaled \$\beta\_2\$-agonists for the treatment of asthma in Quebec: a population-based utilization review, 1316

anti-inflammatory effects of leukotriene-modifying drugs and their use in asthma, 1533

clinical aspects of respiratory muscle dysfunction in the critically ill,

evidence base for management of acute exacerbations of COPD: clinical practice guideline, part 1, 1185

inhaled, evaluation of salmeterol or montelukast as second-line therapy for asthma not controlled with, 1021

management of acute exacerbations of COPD: a summary and appraisal of published evidence, 1190 montelukast and Churg-Strauss syndrome, 668

prognostic markers of short-term mortality in AIDS-associated Pneumocystis carinii pneumonia, 844

regularly scheduled inhaled bronchodilators and maintenance asthma therapy, 987, 988

status asthmaticus in children: a review, 1913

steroids for acute exacerbations of COPD: how long is enough? 675 top ten list in sarcoidosis, 1930

underuse of inhaled steroid therapy in elderly patients with asthma, 720

Cortisol, measurements, fluticasone and, 984

Corynebacterium, hospital-acquired infections, Feb. Suppl., 371S-4308

Cost effectiveness, current status of the implantable cardioverterdefibrillator, 1210

of gatifloxacin vs ceftriaxone with a macrolide for the treatment of community-acquired pneumonia, 1439

strategies incorporating spiral CT for the diagnosis of acute pulmonary embolism, 1791

Costs, aggressive diuresis for severe heart failure in the elderly, 807 chest radiography following thoracentesis, 1289

continuous subglottic suctioning for the prevention of ventilatorassociated pneumonia: potential economic implications, 228 digital echocardiography: its role in modern medical practice, 271

direct medical, of  $\alpha_1$ -antitrypsin deficiency, 745

heat it or wet it? nasal symptoms secondary to the use of continuous positive airway pressure in sleep apnea, 310, 311, 312

impact of a hospital-based home-care program on the management of COPD patients receiving long-term oxygen therapy, 364

is it time to jump on the digital echocardiography bandwagon? 12 predictors of mortality and resource utilization in cirrhotic patients admitted to the medical ICU, 1489

treating COPD in the United States, 344

value of a hospitalist service: efficient care for the aging population? 580

Cosyntropin, fluticasone and cortisol measurements, 984

Cough, short-term effects of wood smoke exposure on the respiratory system among charcoal production workers, 1260

Cough remedies: See Dextromethorphan

Coulter Counter, registers talc particles as leukocytes, 669 Coumarins, antithrombotic therapy, Jan. Suppl., 1S-370S

Coxiella burnetii, etiology of community-acquired pneumonia requiring hospitalization in Japan, 1295

"Crack" cocaine: See Cocaine

Crackles: See Respiration

Critical care, complications of percutaneous tracheostomy, 1282 critical interactions: man and machine, 996

do surrogate decision makers provide accurate consent for intensive care research? 603

hospital-acquired infections, Feb. Suppl., 371S-430S

influence of gender on rates of hospitalization, hospital course, and hypercapnia in high-risk patients admitted for: a 10-year retrospective study at Yale-New Haven hospital, 115

pulmonary artery catheterization in the ICU/critical care unit: indications and contraindications, 999

Critical care, clinical investigations in, acute respiratory failure associated with pulmonary cryptococcosis in non-AIDS patients,

adrenal insufficiency in high-risk surgical ICU patients, 889 caregiver strain associated with tracheostomy in chronic respiratory

failure, 1498 clinical correlation with changing radiographic appearance during

partial liquid ventilation, 1503 continuous subglottic suctioning for the prevention of ventilatorassociated pneumonia: potential economic implications, 228

do blood transfusions improve outcomes related to mechanical ventilation? 1850

efficacy of postoperative incentive spirometry is influenced by the device-specific imposed work of breathing, 1858

efficacy of IV theophylline in children with severe status asthmaticus. 1480

epidemiology of psychiatric medication use in patients recovering from critical illness at a long-term acute-care facility, 547 etiology of acute pulmonary edema during liver transplantation: a

series of cases with analysis of the edema fluid, 219 evaluating the validity of responsiveness to inhaled nitric oxide in

pediatric patients with ARDS: an analytic tool, 1166 extubation failure in a large pediatric ICU population, 897

factors associated with prolonged mechanical ventilation following coronary artery bypass surgery, 537

filgrastim in patients with pneumonia and severe sepsis or septic shock, 523

incidence and predictors of ARDS after cardiac surgery, 884 increased endothelial injury in septic patients with coronary artery disease, 874

long-term intermittent dobutamine infusion combined with oral amiodarone improves the survival of patients with severe congestive heart failure, 1173

long-term arterial cannulation in ICU patients using the radial artery or dorsalis pedis artery, 901

lung transplantation after long-term mechanical ventilation: results and 1-year follow-up, 224

outcomes in post-ICU mechanical ventilation: a therapist-implemented weaning protocol, 236

pneumonia in patients with severe burns: a classification according to the concept of the carrier state, 1160

predictors of mortality and resource utilization in cirrhotic patients admitted to the medical ICU, 1489

predictors of outcome for patients with COPD requiring invasive mechanical ventilation, 1840

propofol vs midazolam for ICU sedation: a Canadian multicenter randomized trial, 1151

pulmonary and systemic distribution and elimination of perflubron from adult patients treated with partial liquid ventilation, 515

randomized trial of prolonged prone positioning in children with acute respiratory failure, 211

respiratory changes in aortic blood velocity as an indicator of fluid responsiveness in ventilated patients with septic shock, 867

risk factors for ARDS in the United States: analysis of the 1993 National Mortality Followback Study, 1179

sleep in critically ill patients requiring mechanical ventilation, vol. 117:809–818; erratum, vol. 119:993

study of consecutive autopsies in a medical ICU: a comparison of clinical cause of death and autopsy diagnosis, 530

systemic antibiotics fail to clear multidrug-resistant Klebsiella from a pediatric ICU, 862

Critical care reviews, clinical aspects of respiratory muscle dysfunction in the critically ill, 926

GI complications in patients receiving mechanical ventilation, 1222 Critical pathways: See Guidelines

Cross infection, hospital-acquired infections: realities of risks and resistance, Feb. Suppl., 371S-430S

pneumonia in patients with severe burns: a classification according to the concept of the carrier state, 1160

systemic antibiotics fail to clear multidrug-resistant Klebsiella from a pediatric ICU, 862

CT: See Tomography, computed

Cryptococcosis, pulmonary, acute respiratory failure associated with, in non-AIDS patients, 1865

Cyclic-guanosinomonophosphate, increased endothelial injury in septic patients with coronary artery disease, 874

Cyclooxygenase inhibitors, antithrombotic therapy, Jan. Suppl., 1S-370S

CYFRA 21-1: See Tumor markers

Cysteinyl leukotriene, anti-inflammatory effects of leukotriene-modifying drugs and their use in asthma, 1533

Cystic fibrosis, effect of size and disease on estimated deposition of drugs administered using jet nebulization in children with, 1123

frequency of transmembrane conductance regulator gene mutations and 5T allele in patients with allergic bronchopulmonary aspergillosis, 762

gene therapy for pulmonary diseases, 613 minocycline-induced pancreatitis in, 1283

nebulizer choice for inhaled colistin treatment in, 250

predictability of oxygen desaturation during sleep in patients with: clinical, spirometric, and exercise parameters, 434

prolonged oxygen kinetics during early recovery from maximal exercise in a dult patients with, 1073

psychological functioning of adults with, 1079

thoracic dimensions at maximum lung inflation in normal subjects and in patients with obstructive and restrictive lung diseases, 376

Cystine, pulmonary dysfunction in adults with nephropathic cystinosis, 394

Cystinosis, nephropathic, pulmonary dysfunction in adults with, 394 Cytokines, BAL induces an increase in peripheral blood neutrophils and levels of, in healthy volunteers and patients with pneumonia, 1724

evidence for inflammatory responses of the lungs during coronary artery bypass grafting with cardiopulmonary bypass, 31

hospital-acquired infections, Feb. Suppl., 371S-430S

increased endothelial injury in septic patients with coronary artery disease, 874

pulmonary injury after cardiopulmonary bypass, 2 tumor necrosis factor polymorphism in sarcoidosis, 678

vascular endothelial growth factor in human lung transplantation, 137

Cytomegalovirus, influenza pneumonia in thoracic organ transplant recipients: what can we do to avoid it? 997

prognostic markers of short-term mortality in AIDS-associated Pneumocystis carinii pneumonia, 844

pulmonary infection in immunocompromised patients, 838

Dactylaria gallopava, case report of a fungal infection in a lung transplant patient, 651

Data analysis, sleep tools, 1303

Death: See Mortality; Terminal care

Debates in print, considerations in the relationship between the American College of Chest Physicians and industry, 1257 time for introspection, 1255

Decannulation, accidental, home ventilator low-pressure alarms fail to detect, with pediatric tracheostomy tubes, 562

Decision makers, surrogate, do [they] provide accurate consent for intensive care research? 603

Decision making, long-term ventilation for patients with Duchenne muscular dystrophy: physicians' beliefs and practices, 940

should patients with neuromuscular disease be denied the choice of the treatment of mechanical ventilation? 683

Deep venous thrombosis: See Thrombosis, deep venous

Defensin, human  $\alpha$ - and human  $\beta$ -, plasma and BAL fluid concentrations of antimicrobial peptides in patients with Mycobacterium avium-intracellulare infection, 1131

Defibrillators, current status of the implantable cardioverter-defibrillator, 1210

Definitions: See Nomenclature

Dementia, seniors and systolic hypertension: an unanswered call to arms, 323

Denmark, geographic variation in long-term oxygen therapy in: factors related to adherence to guidelines for long-term oxygen therapy, 1711

Dentistry, clarification of sleep study procedures, 673

Depression, epidemiology of psychiatric medication use in patients recovering from critical illness at a long-term acute-care facility, 547

what outcomes should be measured in patients with COPD? 327

Dermatophagoides pteronyssinus, determinants of allergen-induced late bronchial responses in mild asthmatics, 120

Dextromethorphan, safety of, in pregnancy: results of a controlled study, 466

Diabetes, clinical utility of the exercise ECG in patients with chest pain and, 1576

seniors and systolic hypertension: an unanswered call to arms, 323 Diabetic ketoacidosis, evaluating sodium bicarbonate controversy, 1622

Diagnosis: See also specific techniques, eg, Bronchoalveolar lavage; specific diseases, eg, Tuberculosis; appropriate microbiological testing in community-acquired pneumonia, 5

asymptomatic respiratory infection with Chlamydia pneumoniae: what does it mean? 1303

autopsy, study of consecutive autopsies in a medical ICU: a comparison of clinical cause of death and, 530

evidence base for management of acute exacerbations of COPD: clinical practice guideline, part 1, 1185

hazards of lung cancer screening: three vignettes and a critique, 659, 660

hospital-acquired infections, Feb. Suppl., 371S-430S

influenza: will new tests and antiviral drugs make a difference? 1630

lung cancer overdiagnosis bias: "the gyanousa am loose!" 322

nonvalue of the initial microbiological studies in the management of nonsevere community-acquired pneumonia, 181 of COPD, gender bias in, 1691

Diaphragm, bilateral phrenic paralysis in a patient with systemic lupus erythematosus, 1274

clinical aspects of respiratory muscle dysfunction in the critically ill, 926

elastic recoil of lung and lung reduction surgery, 1981

eventration: an uncommon presentation of a phrenic nerve schwannoma, 1615

paralysis following cervical chiropractic manipulation: case report and review, 638

resected, prosthetic reconstruction of: the way to go, 671

Diaphragmatic fibers, size and composition changes in, in rats exposed to chronic hypercapnia, 565

Diarrhea, GI complications in patients receiving mechanical ventilation, 1222 Diastole, effect of right ventricular dysfunction on left ventricular form and function, 1632

Diastolic pressure, end-, right ventricular, comparison of the effects of nitric oxide, nitroprusside, and nifedipine on hemodynamics and right ventricular contractility in patients with chronic pulmonary hypertension, 128

Diazoxide, trimethaphan and, used? 316

Dictionaries: See Language

Diet: See Nutrition

Dieulafoy's disease of the bronchus in association with a paravertebral neurilemoma, 292

Diffusing capacity of the lung: See Carbon monoxide

Digestive tract decontamination, pneumonia in patients with severe burns: a classification according to the concept of the carrier state. 1160

Digital echocardiography: See Echocardiography

Digoxin, acute ventricular rate control in atrial fibrillation: IV combination of diltiazem and, vs IV diltiazem alone, 502

Dilational tracheotomy, percutaneous: See Tracheotomy Diltiazem, acute ventricular rate control in atrial fibrillation: IV combination of digoxin and vs IV diltiazem alone, 502

treatment does not after renal function after thoracic surgery, 1476 Dipyridamole, antithrombotic therapy, Jan. Suppl., 1S-370S

Directigen: See Influenza

Dirofilaria immitis, solitary pulmonary nodule with zoonotic implications, 1250

Discrimination,  $\alpha_1$ -antitrypsin deficiency therapy: pieces of the puzzle, 676

Dithiothreitol, effect of physical and chemical methods of homogenization on inflammatory mediators in sputum of asthma patients, 1521

Diuresis, aggressive, for severe heart failure in the elderly, 807

Diurnal variations: See Time

Diving, seizure in a scuba diver, 285

DNA: See Gene therapy

Dobutamine, echocardiography in patients with aortic stenosis and left ventricular dysfunction: predicting outcome as a function of management strategy, 1766

long-term intermittent infusion combined with oral amiodarone improves the survival of patients with severe congestive heart failure, 1173

stress echocardiography, long-term prognostic value of, in patients with atrial fibrillation, 144

Dogs, effect of cardiomyoplasty on left atrial function in experimental canine models, 1526

pentoxifylline rescue preserves lung function in isolated canine lungs injured with phorbol myristate acetate, 1893

Doppler ultrasonography: See Ultrasonography

Dorsalis pedis artery, long-term cannulation in ICU patients, 901

Dosage: See Drug combinations; Drugs

Drainage, chest tube: See Chest tube drainage

Driving: See Automobiles

Drug abuse: See Substance abuse

Drug combinations, acute ventricular rate control in atrial fibrillation:
IV combination of diltiazem and digoxin vs IV diltiazem alone,
502

chemotherapy in patients with malignant pleural effusions from non-small cell lung cancer: cisplatin, ifosfamide, and irinotecan with recombinant human granulocyte colony-stimulating factor support, 340

hospital-acquired infections, Feb. Suppl., 371S-430S

impact of combined inhaled bronchodilator therapy in the treatment of COPD, 85

long-term intermittent dobutamine infusion combined with oral amiodarone improves the survival of patients with severe congestive heart failure, 1173

salmeterol plus the ophylline combination therapy in the treatment of COPD, 1661

Drug hypersensitivity, tacholiquine inhalation and aspirin-induced asthma,  $670\,$ 

Drug overdose: See Drug reactions

Drug reactions, bronchial asthma induced by an antithyroid drug, 1598

compliance with bronchodilator treatment, 988, 989

continuous calcium chloride infusion for massive nifedipine overdose, 1280

minocycline-induced pancreatitis in cystic fibrosis, 1283 quinidine as an antiarrhythmic, 1617, 1618

almeterol plus theophylline combination therapy in the treatment of COPD, 1661

survey of the use of herbal agents among Philadelphia Veterans Affairs Medical Center pulmonary outpatients, 1981

ticlopidine-induced interstitial pulmonary disease: a case report, 1963

Drug resistance, appropriate microbiological testing in communityacquired pneumonia, 5

hospital-acquired infections, Feb. Suppl., 371S-430S

systemic antibiotics fail to clear multidrug-resistant Klebsiella from a pediatric ICU, 862

top ten list in pneumonia, 1563

why blame private practitioners? 1288

Drugs: See also names of specific drugs and classes of drugs, eg, Albuterol; Antibiotics; considerations in the relationship between the American College of Chest Physicians and industry, 1257

costs of treating COPD in the United States, 344

effect of size and disease on estimated deposition of, administered using jet nebulization in children with cystic fibrosis, 1123

epidemiology of psychiatric medication use in patients recovering from critical illness at a long-term acute-care facility, 547 physician education and the pharmaceutical industry, 995

physician education and the pharmaceutea industry, 355 safety of dextromethorphan in pregnancy: results of a controlled study, 466

seniors and systolic hypertension: an unanswered call to arms, 323 time for introspection, 1255

Duchenne muscular dystrophy: See Muscular dystrophy

Duplicate publication: See Ethics; Publishing

Durable power of attorney: See Power of attorney, durable

Dust, deleterious effects of inhaled  $\beta$ -agonists: short-acting and long-acting agents differ, 1297

determinants of allergen-induced late bronchial responses in mild asthmatics, 120

mites; placebo-controlled clinical trial of regular monotherapy with short-acting and long-acting  $\beta_2$ -agonists in allergic asthmatic patients, 1306

pharmacologic properties of brewery dust extracts in vitro, 1870 Dysphagia, angiotensin-converting enzyme inhibitors, angiotensin-II receptor antagonists and pneumonia in elderly hypertensive patients with stroke, 660, 661

Dysplasia, bronchopulmonary: See Bronchopulmonary dysplasia

Dyspnea, bilateral phrenic paralysis in a patient with systemic lupus erythematosus, 1274

expanding knowledge of lung volume reduction, 1300

platypnea-orthodeoxia syndrome: a probably underestimated syndrome? 1624

pneumothorax: is chest tube clamp necessary before removal? 1292, 1293

short-term and long-term outcomes after bilateral lung volume reduction surgery: prediction by quantitative CT, 1337

short-term effects of wood smoke exposure on the respiratory system among charcoal production workers, 1260

symptomatic persistent post-coronary artery bypass graft pleural effusions requiring operative treatment: clinical and histologic features, 795

what outcomes should be measured in patients with COPD? 327 Dystonia, paradoxical vocal cord movement, 1619

Early Lung Cancer Action Projects, 322

Echocardiography, agitated-saline contrast; iatrogenic paradoxical air embolism in pulmonary hypertension, 1602

differential transesophageal diagnosis between linear artifacts and intraluminal flap of aortic dissection or disruption. 1778

digital, is it time to jump on the bandwagon? 12 digital: its role in modern medical practice, 271

dobutamine, in patients with aortic stenosis and left ventricular dysfunction: predicting outcome as a function of management strategy, 1766

dobutamine stress, long-term prognostic value of, in patients with atrial fibrillation, 144

transesophageal, asymptomatic atrial fibrillation: problems of management, 628

transesophageal, platypnea-orthodeoxia syndrome: a probably underestimated syndrome? 1624

Economic considerations: See Costs

Edema, pulmonary: See Pulmonary edema

Editorial review: See Publishing

Education, clinical guidelines vs clinical practice, 667

considerations in the relationship between the American College of Chest Physicians and industry, 1257

geographic variation in long-term oxygen therapy in Denmark: factors related to adherence to guidelines for long-term oxygen therapy, 1711

management of spontaneous pneumothorax: an American College of Chest Physicians Delphi Consensus Statement, 590

physician, and the pharmaceutical industry, 995

time for introspection, 1255

value of a hospitalist service: efficient care for the aging population? 580

why blame private practitioners? 1288

Effusions: See Parapneumonic effusions; Pleural effusions

Eisenmenger's syndrome, iatrogenic paradoxical air embolism in pulmonary hypertension, 1602

Elastic recoil of the lung: See Lung

Elderly: See Age and aging

Electrical resistance, Coulter Counter registers talc particles as leukocytes, 669

Electrocardiography, abnormalities associated with hypocalcemia, 668

clinical utility of the exercise ECG in patients with diabetes and chest pain, 1576

effect of weight loss on the ECG of normotensive morbidly obese patients, 507

left atrial appendage flow in nonrheumatic atrial fibrillation: relationship with pulmonary venous flow and ECG fibrillatory wave amplitude, 485

quinidine as an antiarrhythmic, 1617, 1618

ST-segment elevation in precordial leads: anterior or right ventricular myocardial infarction? 290

stress testing in cardiac evaluation: current concepts with emphasis on the ECG,  $907\,$ 

syncope in a patient with cervical tumor and prolonged QT interval, 992

Electrocoagulation, endobronchial argon plasma coagulation for treatment of hemoptysis and neoplastic airway obstruction, 781 use of endoscopic argon plasma coagulation in airway complications after solid organ transplantation, 1968

Electroencephalography, spectral analysis, daytime sleepiness and, in apneic patients before and after treatment with continuous positive airway pressure, 45

to sleep deeply, perchance to wake refreshed, 1633

Electromagnetic interference, current status of the implantable cardioverter-defibrillator, 1210

Embalming: See Occupational exposure

Embolism, air: See Air embolism

Embolism, pulmonary tumor, as a presenting feature of cavoatrial hepatocellular carcinoma, 657

Embolotherapy, transcatheter, of maternal pulmonary arteriovenous malformations during pregnancy, 470

Emergency services, costs of treating COPD in the United States, 344

diazoxide and trimethaphan used? 316

impact of a hospital-based home-care program on the management of COPD patients receiving long-term oxygen therapy, 364

management of spontaneous pneumothorax: an American College of Chest Physicians Delphi Consensus Statement, 590

Emigration and immigration, Mycobacterium tuberculosis disease in Somali immigrants in Minnesota, 176

Emphysema: See also Antitrypsin; Lung volume reduction surgery; asymptomatic expectoration of surgical staples complicating lung volume reduction surgery, 307

costs of treating COPD in the United States, 344 direct medical costs of α<sub>1</sub>-antitrypsin deficiency, 745

elastic recoil of lung and lung reduction surgery, 1981

expanding knowledge of lung volume reduction, 1300 gender bias in the diagnosis of COPD, 1691

longitudinal follow-up of patients with  $\alpha_1$ -protease inhibitor deficiency before and during therapy with IV  $\alpha_1$ -protease inhibitor, 737

salmeterol plus theophylline combination therapy in the treatment of COPD, 1661

short-term and long-term outcomes after bilateral lung volume reduction surgery: prediction by quantitative CT, 1337

Empyema, medical and surgical treatment of parapneumonic effusions: an evidence-based guideline, vol. 118:1158; erratum, vol. 119:319

pleurisy, fever, and rapidly progressive pleural effusion in a healthy, 29-year-old physician, 1266

potentially dangerous negative intrapleural pressures generated by ordinary pleural drainage systems, 511

thoracis, chronic, exacerbation of, video-assisted thoracoscopic sterilization for, 277

Encephalopathy, evaluating sodium bicarbonate controversy, 1622 End-tidal PCo<sub>2</sub>: See Carbon dioxide

Endarterectomy, carotid: See Carotid endarterectomy

Endocarditis, antithrombotic therapy, Jan. Suppl., 1S-370S

Endoscopy, use of endoscopic argon plasma coagulation in airway complications after solid organ transplantation, 1968

Endothelium, coronary vasospasm in hypertrophic cardiomyopathy. 1289, 1290

-dependent vascular tone control, loss of, in systemic sclerosis, 672 impairment of vascular endothelial function and left ventricular filling: association with the severity of apnea-induced hypoxemia during sleep, 1085

increased injury in septic patients with coronary artery disease, 874 lipid-lowering agents and artery endothelial function, 1979

vascular endothelial growth factor in human lung transplantation,

Endotracheal tube: See Intubation

England: See Great Britain

Enterobacter, hospital-acquired infections. Feb. Suppl., 371S-430S Enterococci, hospital-acquired infections, Feb. Suppl., 371S-430S

Environmental exposure, occupational distribution and geographic clustering of deaths certified to be cryptogenic fibrosing alveolitis in England and Wales, 428

smoking, respiratory symptoms, and diseases: a comparative study between northern Sweden and northern Finland; report from the FinEsS study, 852

Enzyme immunoassay, influenza: will new diagnostic tests and antiviral drugs make a difference? 1630

Eosinophil cationic protein: See Eosinophilic cationic protein, below Eosinophil peroxidase, effect of physical and chemical methods of homogenization on inflammatory mediators in sputum of asthma patients, 1521

Eosinophilia, bronchial asthma induced by an antithyroid drug, 1598 cells of asthma, 1299

chronic eosinophilic pneumonia presenting with recurrent massive bilateral pleural effusion: case report, 968

mild exacerbations and inflammation in patients with stable, well-controlled asthma after 1 year of follow-up. 1011

Eosinophilic cationic protein, determinants of allergen-induced late bronchial responses in mild asthmatics, 120

mild exacerbations and eosinophilic inflammation in patients with stable, well-controlled asthma after 1 year of follow-up, 1011

Eosinophils, anti-inflammatory and lung function effects of montelukast in asthmatic volunteers exposed to sulfur dioxide, 402 anti-inflammatory effects of leukotriene-modifying drugs and their use in asthma, 1533

cells of asthma, 1299

evaluation of salmeterol or montelukast as second-line therapy for asthma not controlled with inhaled corticosteroids, 1021 relation between peripheral blood leukocyte counts and respiratory symptoms, atopy, lung function, and airway responsiveness in adults, 105

Epidemiology, lung cancer overdiagnosis bias: "the gyanousa am

Epithelial lining fluid, steady-state plasma and intrapulmonary concentrations of levofloxacin and ciprofloxacin in healthy adult subjects, 1114

Epoprostenol, iatrogenic paradoxical air embolism in pulmonary

hypertension, 1602 long-term IV administration, aerosolized iloprost therapy could not replace, in severe pulmonary hypertension, 296

noninvasive assessment of pulmonary perfusion abnormality in patients with primary pulmonary hypertension, 824 primary pulmonary hypertension in Israel: a national survey, 1801

pulmonary arterial hypertension and thyroid disease, 1980 therapy, pregnancy and primary pulmonary hypertension: successful outcome with, 973

von Recklinghausen disease complicated by pulmonary hypertension, 1606

Epstein-Barr virus, pneumonia; pharyngitis, splenomegaly, hilar, and peripheral adenopathy in a 29-year-old man with acute hypoxic respiratory failure, 1586

Eptifibitide, antithrombotic therapy, Jan. Suppl., 1S-370S Equilibrium radionuclide angiography: See Angiography Equipment, clarification of sleep study procedures, 673

comparative in vivo lung delivery of hydrofluoroalkane-salbutamol formulation via metered-dose inhaler alone, with plastic spacer, or with cardboard tube, 1018

critical interactions: man and machine, 996

current status of the implantable cardioverter-defibrillator, 1210 home ventilator low-pressure alarms fail to detect accidental decannulation with pediatric tracheostomy tubes, 562

performance of nasal prongs in sleep studies: spectrum of flow-related events, 442

sleep tools, 1303

unreliability of automatic scoring of MESAM 4 in assessing patients with complicated obstructive sleep apnea syndrome, 1387

Escherichia coli, hospital-acquired infections, Feb. Suppl., 371S-430S Esophageal neoplasms, extensive sampling improves preoperative bronchoscopic assessment of airvay invasion by supracarinal esophageal cancer: a prospective study in 166 patients, 1652 Esophagitis, GI complications in patients receiving mechanical ven-

tilation, 1222

Esophagus, a 52-year-old woman with recurrent hemoptysis, 955 placement of the esophageal Doppler ultrasound monitor probe in awake patients, 319

Ethambutol, freatment of isoniazid-resistant tuberculosis in southeastern Texas, 1730

Wegener's granulomatosis responding to antituberculous drugs, 643

Ethics, considerations in the relationship between the American College of Chest Physicians and industry, 1257

physician education and the pharmaceutical industry, 995 publishing and research, 321

pulmonary artery catheterization in the ICU/critical care unit: indications and contraindications, 999

should patients with neuromuscular disease be denied the choice of the treatment of mechanical ventilation? 683 time for introspection, 1255

Ethics in cardiopulmonary medicine, do surrogate decision makers provide accurate consent for intensive care research? 603

long-term ventilation for patients with Duchenne muscular dystrophy: physicians' beliefs and practices, 940 motivating factors in futile clinical interventions, 1944

Ethiopia, cavitary lung disease, 300

Exercise, accelerated, usefulness of, following mild hyperventilation for the induction of coronary artery spasm: comparison with an acetylcholine test, 155

anti-inflammatory and lung function effects of montelukast in asthmatic volunteers exposed to sulfur dioxide, 402

ECG, clinical utility of, in patients with diabetes and chest pain, 1576

effectiveness of outpatient pulmonary rehabilitation in chronic lung disease, 1705

expanding knowledge of lung volume reduction, 1300

 -induced bronchospasm, prevalence of, among US Army recruits and its effects on physical performance, 1676

intolerance, prognostic factors in medically treated patients with chronic pulmonary embolism, 818

leg-press, left ventricular wall stress during, performed with a brief Valsalva maneuver, 150

maximal performance, distribution of muscle mass and, in patients with COPD, 93

maximal, prolonged oxygen kinetics during early recovery from, in adult patients with cystic fibrosis, 1073

noninvasive mechanical ventilation improves endurance performance in patients with chronic respiratory failure due to thoracic restriction, 1371

predictability of oxygen desaturation during sleep in patients with cystic fibrosis: clinical, spirometric, and exercise parameters, 434

qualitative systematic overview of the measurement properties of functional walk tests used in the cardiorespiratory domain, 256

quality of life measured with a generic instrument (short form-36) improves following pulmonary rehabilitation in COPD, 77

short-term and long-term outcomes after bilateral lung volume reduction surgery: prediction by quantitative CT, 1337

significance of end-tidal PCo<sub>2</sub> response to, and its relation to functional capacity in patients with chronic heart failure, 811 simple treadmill score to diagnose coronary disease, 1933

stress testing in cardiac evaluation: current concepts with emphasis on the ECG, 907

therapy, gender moderates the effects of, on health-related quality of life among COPD patients, 70

Exercise and the heart (feature), clinical utility of the exercise ECG in patients with diabetes and chest pain, 1576

simple treadmill score to diagnose coronary disease, 1933 Expectoration, asymptomatic, of surgical staples complicating lung

volume reduction surgery, 307 Expiratory flow, limitation and orthopnea in massively obese subjects,

1401 limitation, tidal, orthopnea and, in patients with stable COPD, 99 patterns, maximal, after single-lung transplantation in patients with and without chronic airways obstruction, 163

rates, maximal inspiratory flow rates in patients with COPD, vol. 118:976; erratum, vol. 119:319

Extracorporeal life support: See Life support, extracorporeal

Extubation: See also Intubation; do blood transfusions improve outcomes related to mechanical ventilation? 1850

factors associated with prolonged mechanical ventilation following coronary artery bypass surgery, 537

failure in a large pediatric ICU population, 897

pneumothorax: is chest tube clamp necessary before removal? 1292, 1293

predictors of outcome for patients with COPD requiring invasive mechanical ventilation, 1840

propofol vs midazolam for ICU sedation: a Canadian multicenter randomized trial, 1151

Exudates and transudates, pleural to serum cholinesterase ratio in separation of transudative and exudative pleural effusions, 989, 990

relationship between pleural fluid and serum cholesterol levels, 204

Eye clinic, respiratory arrest in, 1953

Factors, blood coagulation: See Blood

Faculty, why blame private practitioners? 1288

Family, caregiver strain associated with tracheostomy in chronic respiratory failure, 1498

marked tachypnea in siblings with chronic beryllium disease due to copper-beryllium alloy, 647

motivating factors in futile clinical interventions, 1944

Fat, nutritional intervention in COPD: a systematic overview, 353

Fatigue, clinical aspects of respiratory muscle dysfunction in the critically ill, 926

Fenoterol, deleterious effects of inhaled β-agonists: short-acting and long-acting agents differ, 1297

Ferritin, increased lower respiratory tract iron concentrations in alkaloidal ("crack") cocaine users, 422

Fever, a 55-year-old man with renal failure, hip pain, and, 281 pleurisy, rapidly progressive pleural effusion and, in a healthy, 29-year-old physician, 1266 Fibrate drugs, lipid-lowering agents and artery endothelial function,

1979

Fibrillation, atrial: See Atrial fibrillation

Fibrin glue, diluted, intrapleural administration of, for intractable pneumothorax,  $671\,$ 

Fibrinolysis, antithrombotic therapy, Jan. Suppl., 1S-370S

Fibrinolytics, medical and surgical treatment of parapneumonic effusions: an evidence-based guideline, vol. 118:1158; erratum, vol. 119:319

Fibrosis, symptomatic persistent post-coronary artery bypass graft pleural effusions requiring operative treatment: clinical and histologic features, 795

Filgrastim, combination chemotherapy in patients with malignant pleural effusions from non-small cell lung cancer: cisplatin, ifosfamide, and irinotecan with, 340

in patients with pneumonia and severe sepsis or septic shock, 523 Finland, smoking, respiratory symptoms, and diseases: a comparative study between northern Sweden and northern Finland; report from the FinEsS study, 852

Fistula, bronchoesophageal, a 52-year-old woman with recurrent hemoptysis, 955

5-hydroxytryptamine: See at Hydroxytryptamine

Flecainide, asymptomatic atrial fibrillation: problems of management, 628

Flow-volume curves, maximal expiratory flow patterns after singlelung transplantation in patients with and without chronic airways obstruction, 163

Fluoroquinolones, cost-effectiveness of gatifloxacin vs ceftriaxone with a macrolide for the treatment of community-acquired pneumonia, 1439

empiric antibiotic therapy and mortality among Medicare pneumonia inpatients in 10 western states: 1993, 1995, and 1997, 1420

hospital-acquired infections, Feb. Suppl., 371S-430S

oral moxifloxacin vs high-dosage amoxicillin in the treatment of mild-to-moderate, community-acquired, suspected pneumococcal pneumonia in adults, 185

steady-state plasma and intrapulmonary concentrations of levofloxacin and ciprofloxacin in healthy adult subjects, 1114

Fluoroscopy, CT, guidance for transbronchial needle aspiration: an experience in 35 patients, 329 successful bronchoscopic placement of tracheobronchial stents

without, 1910 Fluticasone, cortisol measurements and, 984

Focal congenital alveolar proteinosis: See Proteinosis

Folk remedies, chicken soup or Jewish medicine? 1295

free range chicken soup, 1976

Foods: See Nutrition

Foramen ovale, patent, antithrombotic therapy, Jan. Suppl., 1S-370S iatrogenic paradoxical air embolism in pulmonary hypertension, 1602

Foramen ovale, persistent, platypnea-orthodeoxia syndrome: a probably underestimated syndrome? 1624

Forced expiratory volume,  $\alpha_1$ -antitrypsin deficiency therapy: pieces of the puzzle, 676

association of airway responsiveness with asthma and persistent wheeze in a Chinese population, 691

deleterious effects of inhaled  $\beta\mbox{-agonists:}$  short-acting and long-acting agents differ, 1297

determinants of different dimensions of disease severity in asthma and COPD: pulmonary function and health-related quality of life, 1034

distribution of muscle mass and maximal exercise performance in patients with COPD, 93

do all patients require supplemental oxygen during flexible bronchoscopy? 1906

effects of levodopa on pulmonary function in Parkinson's disease, 387

expanding knowledge of lung volume reduction, 1300

longitudinal follow-up of patients with  $\alpha_1$ -protease inhibitor deficiency before and during therapy with IV  $\alpha_1$ -protease inhibitor, 737

optimizing bronchodilator therapy for COPD, 1628

postbronchodilator FEV<sub>1</sub> responses, comparisons of peak diurnal expiratory flow variation, methacholine inhalation challenges and, in the evaluation of suspected asthma, 1001

and, in the evaluation of suspected asthma, 1001 short-term effects of wood smoke exposure on the respiratory system among charcoal production workers, 1260

steroids for acute exacerbations of COPD: how long is enough? 675 utility of peak flow, symptom scores, and  $\beta$ -agonist use as outcome measures in asthma clinical research, 1027

what outcomes should be measured in patients with COPD? 327 Forced vital capacity: See Vital capacity, forced

Forceps biopsy: See Biopsy

Foreign bodies, asymptomatic expectoration of surgical staples complicating lung volume reduction surgery, 307

cavitary lung disease, 300

hemoptysis due to migration of a fractured Kirschner wire, 1285 Formoterol, deleterious effects of inhaled β-agonists: short-acting and long-acting agents differ, 1297

in patients with COPD, treatment with a combination of ipratropium and, is more effective than a combination of salbutamol and ipratropium, 1374

placebo-controlled clinical trial of regular monotherapy with short-acting and long-acting  $\beta_2$ -agonists in allergic asthmatic patients, 1306

Francisella tularensis, resolution of pleural effusions, 1547

Free radicals, effect of ischemic preconditioning on myocardial protection in coronary artery bypass graft patients: can the free radicals act as a trigger for ischemic preconditioning? 1061

Funeral directors: See Occupational exposure

Fungal infections, case report of a dactylaria infection in a lung transplant patient, 651 resolution of pleural effusions, 1547

study of consecutive autopsies in a medical ICU: a comparison of clinical cause of death and autopsy diagnosis, 530

Funnel chest, severe pectus excavatum associated with cor pulmonale and chronic respiratory acidosis in a young woman, 1957

Furosemide, aggressive diuresis for severe heart failure in the elderly, 807

Futile care, motivating factors in clinical interventions, 1944

Gallium, usefulness of pulmonary vascular leakiness assessment in interstitial pneumonitis, 1455

Ganglions, syncope in a patient with cervical tumor and prolonged QT interval, 992

Gangrene, gas, a 55-year-old man with fever, renal failure, and hip pain, 281

Gas exchange: See Pulmonary gas exchange

Gas gangrene: See Gangrene

Gastric insufflation, bilevel nasal positive airway pressure and ballooning of the stomach, 1965

Gastroesophageal reflux, prevalence of, in children with tracheomalacia and laryngomalacia, 409

symptoms, increased prevalence of, in patients with COPD, 1043 Gastrointestinal system, complications, critical interactions: man and

machine, 996
complications in patients receiving mechanical ventilation, 1222
how safely and for how long can warfarin therapy be withheld in
prosthetic heart valve patients hospitalized with major hem-

orrhage? 478
Gatifloxacin, cost-effectiveness of ceftriaxone vs. with a macrolide for the treatment of community-acquired pneumonia, 1439

Gender factors: See Men; Women

Gene therapy, for pulmonary diseases, 613

Genetics, \$\alpha\_1\$-antitrypsin deficiency therapy; pieces of the puzzle, 676

focal congenital alveolar proteinosis associated with abnormal surfactant protein B messenger RNA, 645

frequency of cystic fibrosis transmembrane conductance regulator gene mutations and 5T allele in patients with allergic bronchopulmonary aspergillosis, 762

marked tachypnea in siblings with chronic beryllium disease due to copper-beryllium alloy, 647

no association of tumor necrosis factor-α gene polymorphism and COPD in Caucasian smokers and Japanese smokers, 315

polymorphism of tumor necrosis factor-β, but not that of tumor necrosis factor-α, is associated with the prognosis of sarcoidosis, 753

primary spontaneous pneumothorax in two siblings suggests autosomal recessive inheritance, 1610

top ten list in sarcoidosis, 1930

tumor necrosis factor polymorphism in sarcoidosis, 678

Gentamicin, systemic antibiotics fail to clear multidrug-resistant Klebsiella from a pediatric ICU, 862

Geographic clustering, occupational distribution and, of deaths certified to be cryptogenic fibrosing alveolitis in England and Wales, 428

Geographic variation in long-term oxygen therapy in Denmark: factors related to adherence to guidelines for long-term oxygen therapy, 1711

Glial protein S-100, is off-pump cardiac surgery better for the brain?

Glinka, Mikhail Ivanovich, musical snoring, 1621

Glomerular filtration rate, loss of endothelium-dependent vascular tone control in systemic sclerosis, 672

Glossaries: See Nomenclature

Glucocorticoids, anti-inflammatory effects of leukotriene-modifying drugs and their use in asthma, 1533

steroids for acute exacerbations of COPD: how long is enough? 675 systemic, in severe exacerbations of COPD, 726

Glucose transporters, protecting the myocardium from ischemic injury: a critical role for  $\alpha_1$ -adrenoreceptors? 1242

Glycoprotein, antithrombotic therapy, Jan. Suppl., 1S-370S Glycoprotein, platelet (GPIIΒ/IIIA) receptor antagonists: See Integrin αΠΒβ<sub>3</sub> (GPIIΒ/IIIA) receptor antagonists

Graft rejection, influenza pneumonia in lung transplant recipients: clinical features and association with bronchiolitis obliterans syndrome, 1277

Granulocyte colony-stimulating factor, BAL induces an increase in peripheral blood neutrophils and cytokine levels in healthy volunteers and patients with pneumonia, 1724

filgrastim in patients with pneumonia and severe sepsis or septic shock, 523

functional, malignant pleural mesothelioma produces, 981 hospital-acquired infections, Feb. Suppl., 371S-430S

maspharacquired infections, Feb. 3upph., 3713-5033 recombinant human, combination chemotherapy in patients with malignant pleural effusions from non-small cell lung cancer: cisplatin, ifosfamide, and irinotecan with, 340

Granulocyte colony-stimulating factor, human, recombinant methionyl: See Filgrastim

Granulomatosis, Wegener's, responding to antituberculous drugs, 643

Great Britain, occupational distribution and geographic clustering of deaths certified to be cryptogenic fibrosing alveolitis in England and Wales, 428

Greece, some historical notes on Behçet's disease, 667

Grinding of teeth: See Bruxism

Growth factors: See Vascular endothelial growth factor

Growth hormones, nutritional intervention in COPD: a systematic overview, 353

Guanylic acid (5-guanylic acid): See Cyclic-guanosinomonophosphate Guidelines, antithrombotic therapy, Jan. Suppl., 1S-370S

chest radiography following thoracentesis, 1289

clinical, vs clinical practice, 667

comparisons of peak diurnal expiratory flow variation, postbronchodilator FEV<sub>1</sub> responses, and methacholine inhalation challenges in the evaluation of suspected asthma, 1001

definitions in sleep-disordered breathing, 1287

evidence base for management of acute exacerbations of COPD: clinical practice guideline, part 1, 1185 geographic variation in long-term oxygen therapy in Denmark: factors related to adherence to guidelines for long-term oxygen therapy, 1711

hospital-acquired infections, Feb. Suppl., 371S-430S

management of acute exacerbations of COPD: a summary and appraisal of published evidence, 1190

management of spontaneous pneumothorax: an American College of Chest Physicians Delphi Consensus Statement, 590

medical and surgical treatment of parapneumonic effusions: an evidence-based guideline, vol. 118:1158; erratum, vol. 119:319 regularly scheduled inhaled bronchodilators and maintenance asthma therapy, 987, 988

seniors and systolic hypertension: an unanswered call to arms, 323 top ten list in sarcoidosis, 1930

translating guidelines into practice: implementation and physician behavior change, vol. 118:15-73S; erratum, vol.119:319

weaning the difficult patient: the evolution from art to science, 7 Guinea pigs, pharmacologic properties of brewery dust extracts in vitro, 1870

HAD: See Human  $\alpha$ - and human  $\beta$ -defensin

Haemophilus influenzae, bacteria and COPD exacerbations redux, 663, 666

etiology of community-acquired pneumonia requiring hospitalization in Japan, 1295

hospital-acquired infections, Feb. Suppl., 371S-430S

Haptoglobin, severe immune hemolytic anemia in disseminated tuberculosis with response to antituberculosis therapy, 1961

HBD-1 and HBD-2: See Human  $\alpha\text{-}$  and human  $\beta\text{-}defensin$ 

Health-related quality of life: See Quality of life

Health Status Index (short-form 36): See Questionnaires

Heart: See also Atrium; Myocardial infarction; Myocardium; Ventricle, left; Ventricle, right; calcification at the left cardiac border, 618

continuous positive airway pressure normalizes cardiac autonomic and hemodynamic responses to a laboratory stressor in apneic patients, 1092

sarcoidosis involving multiple systems: diagnostic and therapeutic challenges, 1593

stress testing in cardiac evaluation: current concepts with emphasis on the ECG, 907

[sudden cardiac death], current status of the implantable cardioverter-defibrillator, 1210

Heart arrest, current status of the implantable cardioverter-defibrillator, 1210

seizure in a scuba diver, 285

Heart disease, ischemic, antithrombotic therapy, Jan. Suppl., 1S-370S Heart diseases, antithrombotic therapy, Jan. Suppl., 1S-370S

digital echocardiography: its role in modern medical practice, 271 qualitative systematic overview of the measurement properties of functional walk tests used in the cardiorespiratory domain, 256

Heart failure, angiotensin-converting enzyme inhibitor therapy improves respiratory muscle strength in patients with, 1755

chronic, significance of end-tidal PCO<sub>2</sub> response to exercise and its relation to functional capacity in patients with, 811 curt failure, congestive, beging mediastical hympolyagopouthy in

Heart failure, congestive, benign mediastinal lymphadenopathy in, 653

hemodynamic effects of simulated obstructive apneas in humans with and without, 1827

resolution of pleural effusions, 1547

seniors and systolic hypertension: an unanswered call to arms, 323 severe, aggressive diuresis for, in the elderly, 807

severe, long-term intermittent dobutamine infusion combined with oral amiodarone improves the survival of patients with, !173

Heart rate, long-term prognostic value of dobutamine stress echocardiography in patients with atrial fibrillation, 144

Heart septum: See also Atrial septal aneurysm; Atrial septal defects; antithrombotic therapy, Jan. Suppl., 1S-370S

effect of right ventricular dysfunction on left ventricular form and function, 1632 evaluation of different minimally invasive techniques in pediatric cardiac surgery: is a full sternotomy always a necessity? 622

impaired left ventricular filling due to right ventricular pressure overload in primary pulmonary hypertension: noninvasive monitoring using MRI, 1761

Heart surgery, do surrogate decision makers provide accurate consent for intensive care research? 603

evaluation of different minimally invasive techniques in pediatric cardiac surgery: is a full sternotomy always a necessity? 622 incidence and predictors of ARDS after cardiac surgery, 884

is off-pump cardiac surgery better for the brain? 1

lung cancer resection or aortic graft replacement with simultaneous myocardial revascularization without cardiopulmonary bypass, 1941

transfusion of blood components and postoperative infection in patients undergoing cardiac surgery, 1461

use of smaller, more flexible chest drains following open heart surgery: an initial evaluation, 19

Heart transplantation, resolution of pleural effusions, 1547 Heart valves, antithrombotic therapy, Jan. Suppl., 1S-370S

prosthetic, how safely and for how long can warfarin therapy be withheld in patients hospitalized with major hemorrhage? 478 recurrent mitral stenosis: problems of management, 958 some historical notes on Behçet's disease, 667

Heart ventricles: See Ventricle, left; Ventricle, right

Heat: See Temperature

Helium-oxygen, status asthmaticus in children: a review, 1913

Hemodialysis, critical interactions: man and machine, 996

Hemodynamics, comparison of the effects of nitric oxide, nitroprusside, and nifedipine on, right ventricular contractility and, in patients with chronic pulmonary hypertension, 128

continuous positive airway pressure normalizes cardiac autonomic and hemodynamic responses to a laboratory stressor in apneic patients, 1092

Hemoptysis, Dieulafoy's disease of the bronchus in association with a paravertebral neurilemoma, 292

due to migration of a fractured Kirschner wire, 1285

endobronchial argon plasma coagulation for treatment of neoplastic airway obstruction and, 781

in patients with renal insufficiency: the role of flexible bronchoscopy, 788

lethal, caused by biopsy injury of an abnormal bronchial artery,

recurrent, a 52-year-old woman with, 955

short-term effects of wood smoke exposure on the respiratory system among charcoal production workers, 1260 Hemorrhage, antithrombotic therapy, Jan. Suppl., 1S-370S

GI complications in patients receiving mechanical ventilation, 1222 major, how safely and for how long can warfarin therapy be withheld in prosthetic heart valve patients hospitalized with?

pulmonary, hepatitis B-related polyarteritis nodosa complicated by, 1608

tissue plasminogen activator for the treatment of deep venous thrombosis of the lower extremity: a systematic review, 572

Hemorrhagic telangiectasia, hereditary: See Telangiectasia

Heparin, antithrombotic therapy, Jan. Suppl., 1S-370S tissue plasminogen activator for the treatment of deep venous thrombosis of the lower extremity: a systematic review, 572 Hepatitis B-related polyarteritis nodosa complicated by pulmonary

hemorrhage, 1608

Hepatocellular carcinoma, cavoatrial: See Carcinoma

Herbal agents, survey of the use of, among Philadelphia Veterans Affairs Medical Center pulmonary outpatients, 1981

Herbicides, tracheal injury caused by ingested paraquat, 1956 High-frequency oscillation: See Oscillation

Hip, pain, a 55-year-old man with fever, renal failure, and, 281 surgeries, antithrombotic therapy, Jan. Suppl., 1S-370S

Hirudin, antithrombotic therapy, Jan. Suppl., 1S-370S

Histocompatibility complex: See Major histocompatibility complex Histoplasma capsulatum, resolution of pleural effusions, 1547 History, some notes on Behçet's disease, 667

HIV infections: See also Acquired immunodeficiency syndrome; BAL and serum IgG levels in healthy asymptomatic patients, 196

recurrent pulmonary sarcoidosis in patients receiving highly active antiretroviral therapy, 978

HLA, gene polymorphism of tumor necrosis factor-β, but not that of tumor necrosis factor-a, is associated with the prognosis of

Home care, geographic variation in long-term oxygen therapy in Denmark: factors related to adherence to guidelines for longterm oxygen therapy, 1711

noninvasive ventilation, is it safe for patients with chronic hypercapnic respiratory failure undergoing, to discontinue ventilation briefly? 1379

underestimation of nocturnal hypoxemia due to monitoring conditions in patients with COPD, 1820

ventilator low-pressure alarms fail to detect accidental decannulation with pediatric tracheostomy tubes, 562

Homogenization, effect of physical and chemical methods of, on inflammatory mediators in sputum of asthma patients, 1521 Hong Kong: See China

Hospital-based home-care program, impact of, on the management of COPD patients receiving long-term oxygen therapy, 364

Hospitalist service, value of: efficient care for the aging population?

Hospitalization, asthma and the risk of, in Canada: the role of socioeconomic and demographic factors, 70\$

etiology of community-acquired pneumonia requiring, in Japan,

influence of gender on rates of, hospital course, and hypercapnia in high-risk patients admitted for asthma: a 10-year retrospective study at Yale-New Haven hospital, 115

is it really useful to repeat outpatient pulmonary rehabilitation programs in patients with chronic airway obstruction? a 2-year controlled study, 1696

Hospitals, hospital-acquired infections: realities of risks and resistance, Feb. Suppl., 371S-430S

management of spontaneous pneumothorax: an American College of Chest Physicians Delphi Consensus Statement, 590

underestimation of nocturnal hypoxemia due to monitoring conditions in patients with COPD, 1820

why blame private practitioners? 1288

Host defense, hospital-acquired infections, Feb. Suppl., 371S-430S plasma and BAL fluid concentrations of antimicrobial peptides in patients with Mycobacterium acium-intracellulare infection,

Human  $\alpha$ - and human  $\beta$ -defensin, plasma and BAL fluid concentrations of antimicrobial peptides in patients with Mycobacterium avium-intracellulare infection, 1131

Human granulocyte colony-stimulating factor, recombinant methionyl: See Filgrastim

Human leukocyte antigen: See HLA

Humidification, heat it or wet it? nasal symptoms secondary to the use of continuous positive airway pressure in sleep apnea, 310, 311, 312

predictive factors for the need for additional, during nasal continuous positive airway pressure therapy, 460

Humor, chicken soup or Jewish medicine, 1295

Hydrocortisone, adrenal insufficiency in high-risk surgical ICU patients, 889

Hydrofluoroalkane-salbutamol formulation, comparative in vivo lung delivery of, via metered-dose inhaler alone, with plastic spacer, or with cardboard tube, 1018

Hydrogen-ion concentration: See pH

5-hydroxytryptamine, effect of a serotonin receptor antagonist on interleukin-6-induced pulmonary hypertension in rats, 554

Hyperactivity: See Attention deficit hyperactivity disorder Hyperbaric oxygen: See Oxygen, hyperbaric

Hypercapnia, chronic, size and composition changes in diaphragmatic fibers in rats exposed to, 565

influence of gender on rates of hospitalization, hospital course, and, in high-risk patients admitted for asthma: a 10-year retrospective study at Yale-New Haven hospital, 115

is it safe for patients with chronic hypercapnic respiratory failure undergoing home noninvasive ventilation to discontinue ventilation briefly? 1379 obesity hypoventilation syndrome can be treated with noninvasive mechanical ventilation, 1102

permissive, status asthmaticus in children: a review, 1913

treatment effects on carbon dioxide retention in patients with obstructive sleep apnea-hypopnea syndrome, 1814

Hyperresponsiveness, bronchial: See Airway, responsiveness

Hypersensitivity, cells of asthma, 1299

deleterious effects of inhaled \( \beta\)-agonists: short-acting and longacting agents differ, 1297

determinants of allergen-induced late bronchial responses in mild asthmatics, 120

frequency of cystic fibrosis transmembrane conductance regulator gene mutations and 5T allele in patients with allergic bronchopulmonary aspergillosis, 762

placebo-controlled clinical trial of regular monotherapy with shortacting and long-acting  $\beta_2$ -agonists in allergic asthmatic pa-

tients, 1306

relation between peripheral blood leukocyte counts and respiratory symptoms, atopy, lung function, and airway responsiveness in adults, 105

tacholiquine inhalation and aspirin-induced asthma, 670

tolerance to the protective effect of salmeterol on allergen challenge can be partially restored by the withdrawal of salmeterol regular treatment, 1671

Hypertension, angiotensin-converting enzyme inhibitors, angiotensin-II receptor antagonists and pneumonia in elderly hypertensive patients with stroke, 660, 661

diazoxide and trimethaphan used? 316 sleep apnea: a global perspective, 4

systolic, seniors and: an unanswered call to arms, 323

Hypertension, pulmonary, chronic, comparison of the effects of nitric oxide, nitroprusside, and nifedipine on hemodynamics and right ventricular contractility in patients with, 128

chronic thromboembolic, effect of a serotonin receptor antagonist on interleukin-6-induced pulmonary hypertension in rats, 554 evaluating the validity of responsiveness to inhaled nitric oxide in

pediatric patients with ARDS: an analytic tool, 1166

iatrogenic paradoxical air embolism in, 1602 interleukin-6-induced, effect of a serotonin receptor antagonist on, in rats, 554

nitric oxide and molsidomine in the management of, in Takayasu's arteritis, 302

primary, and pregnancy: successful outcome with epoprostenol therapy, 973

primary, impaired left ventricular filling due to right ventricular pressure overload in: noninvasive monitoring using MRI, 1761

primary, in Israel: a national survey, 1801

primary, noninvasive assessment of pulmonary perfusion abnormality in patients with, 824 primary, one-year continuous inhaled nitric oxide for, 970

prognostic factors in medically treated patients with chronic pulmonary embolism, 818

severe, aerosolized iloprost therapy could not replace long-term IV epoprostenol (prostacyclin) administration in, 296

severe pectus excavatum associated with cor pulmonale and chronic respiratory acidosis in a young woman, 1957 thyroid disease and, 1980

von Recklinghausen disease complicated by, 1606

Hypertrophic cardiomyopathy: See Cardiomyopathy, hypertrophic

Hypertrophy: See Myocardial hypertrophy

Hyperventilation, mild, usefulness of accelerated exercise following, for the induction of coronary artery spasm: comparison with an acetylcholine test, 155

Hypocalcemia, ECG abnormalities associated with, 668

Hypomagnesemia, ECG abnormalities associated with hypocalcemia,

Hypomotility, GI complications in patients receiving mechanical ventilation, 1222

Hypopnea: See also Apnea-hypopnea index; definitions in sleepdisordered breathing, 1287

Hypopnea syndrome, treatment effects on carbon dioxide retention in patients with obstructive sleep apnea-, 1814

Hypotension, adrenal insufficiency in high-risk surgical ICU patients, 889

continuous calcium chloride infusion for massive nifedipine overdose, 1280

Hypothalamic-pituitary-adrenal axis, fluticasone and cortisol measurements, 984

Hypoventilation: See also Obesity hypoventilation syndrome; home ventilator low-pressure alarms fail to detect accidental decannulation with pediatric tracheostomy tubes, 562

is it safe for patients with chronic hypercapnic respiratory failure undergoing home noninvasive ventilation to discontinue ventilation briefly? 1379

Hypoxemia: See Anoxemia

Iatrogenic paradoxical air embolism in pulmonary hypertension, 1602 Ifosfamide, combination chemotherapy in patients with malignant pleural effusions from non-small cell lung cancer: cisplatin, irinotecan and, with recombinant human granulocyte colonystimulating factor support, 340

Ig: See Immunoglobulins

Iloprost, aerosolized therapy could not replace long-term IV epoprostenol (prostacyclin) administration in severe pulmonary hypertension, 296

Imaging: See Angiography; Echocardiography; Magnetic resonance imaging; Radiography; Roentgenogram of the month; Scintigraphy; Tomography, computed; Tomography, positron emission

Immigration: See Emigration and immigration Immune system, chicken soup or Jewish medicine? 1295

Immunity, cell-mediated, BAL neopterin: a novel marker for, in patients with pulmonary tuberculosis and lung cancer, 776

Immunization, influenza: will new diagnostic tests and antiviral drugs make a difference? 1630

Immunoassay, detection of Streptococcus pneumoniae antigen by a rapid immunochromatographic assay in urine samples, 243

influenza: will new diagnostic tests and antiviral drugs make a difference? 1630

Immunochromatographic assay, rapid, detection of Streptococcus pneumoniae antigen by, in urine samples, 243

urinary antigen test for diagnosis of pneumococcal pneumonia, 9 Immunocompromised patients, pulmonary cytomegalovirus infection

Immunofluorescence, asymptomatic respiratory infection with Chlamydia pneumoniae: what does it mean? 1303

Immunoglobulins, BAL and serum IgG levels in healthy asymptomatic HIV-infected patients, 196

IgE, cells of asthma, 1299

IgE, relation between peripheral blood leukocyte counts and respiratory symptoms, atopy, lung function, and airway responsiveness in adults, 105

Immunostaining, pulmonary cytomegalovirus infection in immunocompromised patients, 838

Immunosuppression, influenza pneumonia in thoracic organ transplant recipients: what can we do to avoid it? 997

Impact of basic research on tomorrow's medicine (feature), gene therapy for pulmonary diseases, 613

Implantable devices: See Equipment

Incentive spirometry: See Spirometry

Income: See Socioeconomic factors

Indwelling catheter: See Catheters

Infants: See Children

Infection control, hospital-acquired infections: realities of risks and resistance, Feb. Suppl., 371S-430S

influenza: will new diagnostic tests and antiviral drugs make a difference? 1630

pneumonia in patients with severe burns: a classification according to the concept of the carrier state, 1160

Inflammation, effect of physical and chemical methods of homogenization on inflammatory mediators in sputum of asthma pa-

eosinophilic, mild exacerbations and, in patients with stable, well-controlled asthma after 1 year of follow-up, 1011

Inflammatory response, gene therapy for pulmonary diseases, 613 hospital-acquired infections, Feb. Suppl., 371S-430S

of the lungs, evidence for, during coronary artery bypass grafting with cardiopulmonary bypass, 31

symptomatic persistent post-coronary artery bypass graft pleural effusions requiring operative treatment: clinical and histologic features, 795

Inflammatory response syndrome, systemic: See Systemic inflammatory response syndrome

Influenza, pneumonia: a descriptive study, 1717

pneumonia in lung transplant recipients: clinical features and association with bronchiolitis obliterans syndrome, 1277

pneumonia in thoracic organ transplant recipients: what can we do to avoid it? 997

will new diagnostic tests and antiviral drugs make a difference? 1630

Informed consent, antithrombotic therapy, Jan. Suppl., 1S-370S do surrogate decision makers provide accurate consent for intensive care research? 603

long-term ventilation for patients with Duchenne muscular dystrophy: physicians' beliefs and practices, 940

Inhalation injury, pneumonia in patients with severe burns: a classification according to the concept of the carrier state, 1160

Inhaled drugs: See Aerosols; Nebulizers

Inheritance, genetic: See Genetics

Inspiratory flow rates, maximal inspiratory flow rates in patients with COPD, vol. 118:976; erratum, vol. 119:319

Inspiratory flow shapes, analysis of, in patients with partial upperairway obstruction during sleep, 37

Inspiratory muscle: See Respiratory muscles

Inspiratory pressure, maximal, assessing inspiratory muscle strength in patients with neurologic and neuromuscular diseases: comparative evaluation of two noninvasive techniques, 1108

Integrin  $\alpha IIB\beta_3$  (GPIIB/IIIa) receptor antagonists, antithrombotic therapy, Jan. Suppl., 1S-370S

Intensive care: See Critical care

Intercellular adhesion molecule-1, increased endothelial injury in septic patients with coronary artery disease, 874

Interleukin-6, BAL induces an increase in peripheral blood neutrophils and cytokine levels in healthy volunteers and patients with pneumonia, 1724

-induced pulmonary hypertension, effect of a serotonin receptor antagonist on, in rats, 554

Interleukin-8, increased sputum, heterogeneity of airway inflammation in persistent asthma: evidence of neutrophilic inflammation and, 1329

Interleukins, antithrombotic therapy, Jan. Suppl., 18-3708 pulmonary injury after cardiopulmonary bypass, 2

Intermittent mandatory ventilation, synchronized: See Synchronized intermittent mandatory ventilation

Internal medicine, value of a hospitalist service: efficient care for the aging population? 580

International Collaboration to Screen for Lung Cancer, 322

International normalized ratio, antithrombotic therapy, Jan. Suppl., 18-370S

Internet, survey of the use of herbal agents among Philadelphia Veterans Affairs Medical Center pulmonary outpatients, 1981

Interstitial lung disease: See Pulmonary diseases, interstitial

Intestines: See Gastrointestinal system Intracranial hemorrhage: See Brain

Intracranial pressure, critical interactions: man and machine, 996

Intraoperative complications, unusual complication of retrograde dissection to the coronary sinus of Valsalva during percutaneous revascularization: a single-catheter experience and literature review, 493

Intubation: See also Extubation; continuous subglottic suctioning for the prevention of ventilator-associated pneumonia: potential economic implications, 228

paradoxical vocal cord movement, 1619

status asthmaticus in children: a review, 1913

Ipratropium bromide, impact of combined inhaled bronchodilator therapy in the treatment of COPD, 85

in patients with COPD, treatment with a combination of formoterol and, is more effective than a combination of salbutamol and ipratropium, 1374

optimizing bronchodilator therapy for COPD, 1628

Irinotecan, combination chemotherapy in patients with malignant pleural effusions from non-small cell lung cancer: cisplatin, ifosfamide and, with recombinant human granulocyte colonystimulating factor support, 340

Iron, increased lower respiratory tract concentrations in alkaloidal ("crack") cocaine users, 422

Ischemia, antithrombotic therapy, Jan. Suppl., 1S-370S

coronary vasospasm in hypertrophic cardiomyopathy. 1289, 1290 myocardial, stress testing in cardiac evaluation: current concepts with emphasis on the ECG, 907

protecting the myocardium from injury: a critical role for  $\alpha_1$ -adrenoreceptors? 1242

silent, clinical utility of the exercise ECG in patients with diabetes and chest pain, 1576

Ischemic preconditioning, effect of, on myocardial protection in coronary artery bypass graft patients: can the free radicals act as a trigger for ischemic preconditioning? 1061

protecting the myocardium from ischemic injury: a critical role for  $\alpha_1$ -adrenoreceptors? 1242

Isoniazid, -resistant tuberculosis in southeastern Texas, treatment of, 1730

Wegener's granulomatosis responding to antituberculous drugs, 643

Israel, primary pulmonary hypertension in: a national survey, 1801 pulmonary carcinoid: presentation, diagnosis and outcome in 142 cases in, and review of 640 cases from the literature, 1647

Itraconazole, case report of a Dactylaria fungal infection in a lung transplant patient, 651

spectrum of Aspergillus infection in lung transplant recipients: case series and review of the literature, 169

Jails: See Prisons

Japan, etiology of community-acquired pneumonia requiring hospitalization in 1295

gene polymorphism of tumor necrosis factor- $\beta$ , but not that of tumor necrosis factor- $\alpha$ , is associated with the prognosis of sarcoidosis, 753

no association of tumor necrosis factor- $\alpha$  gene polymorphism and COPD in Caucasian smokers and Japanese smokers, 315  $\,$ 

tumor necrosis factor polymorphism in sarcoidosis, 678 Jaundice, Brahms' illness, 985

Jewish medicine, chicken soup or ? 1295

Journals: See Publishing

Kawasaki's disease, antithrombotic therapy, Jan. Suppl., 1S-370S Ketamine, status asthmaticus in children: a review, 1913

Ketoacidosis, diabetic, evaluating sodium bicarbonate controversy, 1622

Kidney, antithrombotic therapy, Jan. Suppl., 1S-370S

diltiazem treatment does not alter renal function after thoracic surgery, 1476

a 55-year-old man with fever, renal failure, and hip pain, 281

hemoptysis in patients with renal insufficiency: the role of flexible bronchoscopy, 788

loss of endothelium-dependent vascular tone control in systemic sclerosis, 672

pulmonary dysfunction in adults with nephropathic cystinosis, 394 seniors and systolic hypertension: an unanswered call to arms, 323 Kidney dialysis: See Hemodialysis

Kidney transplantation, use of endoscopic argon plasma coagulation in airway complications after solid organ transplantation, 1968

Kirschner wire: See Foreign bodies Klebsiella, hospital-acquired infections, Feb. Suppl., 3715–4308

multidrug-resistant, systemic antibiotics fail to clear, from a pediatric ICU, 862

Knee replacement, antithrombotic therapy, Jan. Suppl., 1S-3708 Kos (Island): See Greece

Kyphoscoliosis, obesity hypoventilation syndrome can be treated with noninvasive mechanical ventilation, 1102 Laboratory and animal investigations, auditory detection of simulated crackles in breath sounds, 1886

detection of Streptococcus pneumoniae antigen by a rapid immunochromatographic assay in urine samples, 243

effect of a serotonin receptor antagonist on interleukin-6-induced pulmonary hypertension in rats, 554

effect of cardiomyoplasty on left atrial function in experimental canine models, 1526

effect of physical and chemical methods of homogenization on inflammatory mediators in sputum of asthma patients, 1521

effects of bronchial transection and reanastomosis on mucociliary system, 1510

experimental pleurodesis in rabbits induced by silver nitrate or talc: 1-year follow-up, 1516

home ventilator low-pressure alarms fail to detect accidental decannulation with pediatric tracheostomy tubes, 562

methacholine-induced temporal changes in airway geometry and lung density by CT, 1878

nebulizer choice for inhaled colistin treatment in cystic fibrosis,

pentoxifylline rescue preserves lung function in isolated canine lungs injured with phorbol myristate acetate, 1893

pharmacologic properties of brewery dust extracts in vitro, 1870 size and composition changes in diaphragmatic fibers in rats exposed to chronic hypercapnia, 565

tale preparations used for pleurodesis vary markedly from one preparation to another, 1901

Lactamases; Lactams: See B-lactamases; B-lactams

Lactic acidosis: See Acidosis

Language, abbreviated language skills, 322

Laryngomalacia, prevalence of gastroesophageal reflux in children with tracheomalacia and, 409

Larynx, atresia of the trachea following repeated percutaneous dilational tracheotomy, 961

paradoxical vocal cord movement, 1619

Laser surgery, complications of percutaneous tracheostomy, 1282

Law, antithrombotic therapy, Jan. Suppl., 1S-370S

Leg-press exercise: See Exercise Legionella, etiology of community-acquired pneumonia requiring hospitalization in Japan, 1295

hospital-acquired infections, Feb. Suppl., 371S-430S L pneumophila, resolution of pleural effusions, 1547

Legs, antithrombotic therapy, Jan. Suppl., 1S-370S distribution of muscle mass and maximal exercise performance in patients with COPD, 93

tissue plasminogen activator for the treatment of deep venous thrombosis of the lower extremity: a systematic review, 572

Leukocyte antigen, human: See HLA

Leukocytes, BAL induces an increase in peripheral blood neutrophils and cytokine levels in healthy volunteers and patients with pneumonia, 1724

Coulter counter registers talc particles as, 669

evidence for inflammatory responses of the lungs during coronary artery bypass grafting with cardiopulmonary bypass, 31

relation between peripheral blood counts and respiratory symptoms, atopy, lung function, and airway responsiveness in adults, 105

Leukotrienes, anti-inflammatory and lung function effects of montelukast in asthmatic volunteers exposed to sulfur dioxide, 402

-B4, exhaled nitric oxide correlated with induced sputum findings in COPD, 1049

-E4, urinary excretion during the first month of life and subsequent bronchopulmonary dysplasia in premature infants, 1749

-modifying drugs, anti-inflammatory effects of, and their use in asthma, 1533

montelukast and Churg-Strauss syndrome, 668

receptor antagonists, evaluation of salmeterol or montelukast as second-line therapy for asthma not controlled with inhaled corticosteroids, 1021

Levodopa, effects of, on pulmonary function in Parkinson's disease,

Levofloxacin, steady-state plasma and intrapulmonary concentrations of ciprofloxacin and, in healthy adult subjects, 1114 Liability, antithrombotic therapy, Jan. Suppl., 1S-370S

motivating factors in futile clinical interventions, 1944 Lidocaine, respiratory arrest in the eye clinic, 1953

Life support, extracorporeal, pulmonary and systemic distribution and elimination of perflubron from adult patients treated with partial liquid ventilation, 515

status asthmaticus in children: a review, 1913

Lipid-lowering agents and artery endothelial function, 1979

Lipoproteins, low-density, lipid-lowering agents and artery endothelial function, 1979

relationship between pleural fluid and serum cholesterol levels,

Liposomes, gene therapy for pulmonary diseases, 613

Liquid ventilation, partial, clinical correlation with changing radiographic appearance during, 1503

partial, pulmonary and systemic distribution and elimination of perflubron from adult patients treated with, 515

Literature reviews: See also Reviews [CHEST feature]; management of acute exacerbations of COPD: a summary and appraisal of published evidence, 1190

medical and surgical treatment of parapneumonic effusions: an evidence-based guideline, vol. 118:1158; erratum, vol. 119:319 nutritional intervention in COPD: a systematic overview, 353

spectrum of Aspergillus infection in lung transplant recipients: case series and review of the literature, 169

Literature reviews (feature): See also Reviews [CHEST feature]; top ten list in pneumonia, 1563

top ten list in sarcoidosis, 1930

Liver cirrhosis, Brahms' illness, 985

Liver cirrhosis, predictors of mortality and resource utilization in cirrhotic patients admitted to the medical ICU, 1489

risk factors for ARDS in the United States: analysis of the 1993 National Mortality Followback Study, 1179

Liver neoplasms, Brahms' illness, 985

pulmonary tumor embolism as a presenting feature of cavoatrial hepatocellular carcinoma, 657

Liver transplantation, etiology of acute pulmonary edema during: a series of cases with analysis of the edema fluid, 219 resolution of pleural effusions, 1547

Lobectomy, Dieulafoy's disease of the bronchus in association with a paravertebral neurilemoma, 292

surgical spectrum of pulmonary neuroendocrine neoplasms, 14 Longitudinal studies, underestimation of mortality following lung volume reduction surgery resulting from incomplete follow-up,

Lorazepam, sleep in critically ill patients requiring mechanical ventilation, vol. 117:809-818; erratum, vol. 119:993

Lowenstein-Jensen culture, microbiology of pediatric primary pulmonary tuberculosis, 1434

Lung, density, methacholine-induced temporal changes in airway geometry and, by CT, 1878

elastic recoil of, and lung reduction surgery, 1981

gene therapy for pulmonary diseases, 613

hyperinflation, status asthmaticus in children: a review, 1913 increased lower respiratory tract iron concentrations in alkaloidal

"crack") cocaine users, 422

intralobar pulmonary sequestration, 990, 991 left lower lobe; diaphragmatic eventration: an uncommon presen-

tation of a phrenic nerve schwannoma, 1615

pulmonary injury after cardiopulmonary bypass ["pump lung"], 2 rounded atelectasis; a 51-year-old man with a complicated medical history and abnormal chest radiographic finding, 1948

Lung diffusing capacity: See Carbon monoxide

Lung diseases: See Pulmonary diseases

Lung function: See Pulmonary function

Lung injury, clinical application of a prognostic model for severe community-acquired pneumonia, 312, 313

etiology of acute pulmonary edema during liver transplantation: a series of cases with analysis of the edema fluid, 219

pentoxifylline rescue preserves lung function in isolated canine lungs injured with phorbol myristate acetate, 1893

ventilator-associated, high-frequency ventilation and the prevention of, 1978

Lung transplantation, after long-term mechanical ventilation: results and 1-year follow-up, 224

human, vascular endothelial growth factor in, 137

influenza pneumonia in thoracic organ transplant recipients: what can we do to avoid it? 997

patient, case report of a Dactylaria fungal infection in, 651

recipients, influenza pneumonia in: clinical features and association with bronchiolitis obliterans syndrome, 1277

recipients, spectrum of Aspergillus infection in: case series and review of the literature, 169

resolution of pleural effusions, 1547

single-, maximal expiratory flow patterns after, in patients with and without chronic airways obstruction, 163

top ten list in sarcoidosis, 1930

use of endoscopic argon plasma coagulation in airway complications after solid organ transplantation, 1968

Lung, trapped: See Trapped lung syndrome

Lung volume, thoracic dimensions at maximum lung inflation in normal subjects and in patients with obstructive and restrictive lung diseases, 376

Lung volume reduction surgery, asymptomatic expectoration of surgical staples complicating, 307

bilateral, short-term and long-term outcomes after: prediction by quantitative CT, 1337

elastic recoil of lung and, 1981

expanding knowledge of, 1300

underestimation of mortality following, resulting from incomplete follow-up, 1056

what outcomes should be measured in patients with COPD? 327 Lupus erythematosus, systemic, bilateral phrenic paralysis in a patient with, 1274

resolution of pleural effusions, 1547

Lymph nodes, endoluminal metastases of the tracheobronchial tree: is there any way out? 679

regional involvement, typical and atypical pulmonary carcinoids: outcome in patients presenting with, 1143

Lymphadenopathy, benign mediastinal, in congestive heart failure,

CT fluoroscopy guidance for transbronchial needle aspiration: an experience in 35 patients, 329

Lymphocytes, BAL and serum IgG levels in healthy asymptomatic HIV-infected patients, 196

CD4, recurrent pulmonary sarcoidosis in HIV-infected patients receiving highly active antiretroviral therapy, 978

relation between peripheral blood leukocyte counts and respiratory symptoms, atopy, lung function, and airway responsiveness in adults, 105

Lymphocytosis, symptomatic persistent post-coronary artery bypass graft pleural effusions requiring operative treatment: clinical and histologic features, 795

M2 matrix protein inhibitors, influenza pneumonia in thoracic organ transplant recipients: what can we do to avoid it? 997

Macrolide antibiotics: See Antibiotics, macrolide

Macrophages, alveolar, increased lower respiratory tract iron concentrations in alkaloidal ("crack") cocaine users, 422

Magnesium, status asthmaticus in children: a review, 1913

Magnetic resonance imaging, impaired left ventricular filling due to right ventricular pressure overload in primary pulmonary hypertension: noninvasive monitoring using, 1761

Magnetic stimulation, clinical aspects of respiratory muscle dysfunction in the critically ill, 926

Maimonides, chicken soup or Jewish medicine? 1295 Major histocompatibility complex, tumor necrosis factor polymorphism in sarcoidosis, 678

Malformations: See Abnormalities

Mammary artery /internal, antithrombotic therapy, Jan. Suppl., 1S-370S

Mandatory ventilation, synchronized intermittent: See Synchronized intermittent mandatory ventilation

Mandibular advancement appliance, clarification of sleep study procedures, 673

Mannitol, the 24-h effect of, on the clearance of mucus in patients with bronchiectasis, 414

Matrix protein inhibitors, M2, influenza pneumonia in thoracic organ transplant recipients: what can we do to avoid it? 997

Maximal inspiratory pressure: See Inspiratory pressure, maximal

MCI (1-[o-(m-methoxyphenyl)ethyl]phenoxy]-3-dimethylamino)-2propyl hydrogen succinate hydrochloride, effect of a serotonin receptor antagonist on interleukin-6-induced pulmonary hypertension in rats, 554

Mechanical heart valves: See Heart valves

Mechanical ventilation: See Respiration, artificial

Mediastinitis, fibrous, treatment of pulmonary artery compression due to, with endovascular stent placement, 966

Mediastinum, benign lymphadenopathy in congestive heart failure.

late shift after repeated aspiration of postpneumonectomy seroma.

Medicaid, value of a hospitalist service: efficient care for the aging population? 580

Medical practice guidelines: See Guidelines

Medicare, empiric antibiotic therapy and mortality among pneumonia inpatients in 10 western states: 1993, 1995, and 1997, 1420 value of a hospitalist service: efficient care for the aging population? 580

Medicolegal issues: See Law

Meetings, CHEST 2000, considerations in the relationship between the American College of Chest Physicians and industry, 1257 time for introspection, 1255

physician education and pharmaceutical industry, 995

Men, analysis of inspiratory flow shapes in patients with partial upper-airway obstruction during sleep, 37

gender bias in the diagnosis of COPD, 1691

gender moderates the effects of exercise therapy on health-related quality of life among COPD patients, 70

influence of gender on rates of hospitalization, hospital course, and hypercapnia in high-risk patients admitted for asthma: a 10-year retrospective study at Yale-New Haven hospital, 115

Mental health: See also Depression; Psychiatry; Psychology; psychological functioning of adults with cystic fibrosis, 1079

MESAM 4, sleep tools, 1303

unreliability of automatic scoring of, in assessing patients with complicated obstructive sleep apnea syndrome, 1387

Mesothelioma, diagnostic value of CYFRA 21-1 tumor marker and CEA in pleural effusion due to, 1138

malignant pleural, produces functional granulocyte-colony stimulating factor, 981

Messenger RNA: See Genetics

Metastatic neoplasms, brain, synchronous, surgical management of non-small cell lung cancer with, 1469 cigarette smoking and the risk of pulmonary metastasis from breast

cigarette smoking, pulmonary metastases and breast carcinoma: coincidence or causality? 1627

diagnostic value of CYFRA 21-1 tumor marker and CEA in pleural effusion due to mesothelioma, 1138

endoluminal, of the tracheobronchial tree: is there any way out?

endotracheal/endobronchial metastases: clinicopathologic study with special reference to developmental modes, 768

pulmonary resection for, from colorectal cancer, 1069 pulmonary tumor embolism as a presenting feature of cavoatrial

hepatocellular carcinoma, 657 stage 1A non-small cell lung cancer: a small proportion of cases in

the general population, 313, 314 typical and atypical pulmonary carcinoids: outcome in patients presenting with regional lymph node involvement, 1143

utility of blind forceps biopsy of the main carina and upper-lobe carina in patients with non-small cell lung cancer, 632

Methacholine challenge: See Bronchial provocation

Methicillin, hospital-acquired infections, Feb. Suppl., 371S-430S

Methimazole, bronchial asthma induced by an antithyroid drug, 1598 Methionyl human granulocyte colony-stimulating factor, recombinant: See Filgrastim

Methotrexate, top ten list in sarcoidosis, 1930

1-[o-(m-methoxyphenyl)ethyl]phenoxy]-3-dimethylamino)-2-propyl hydrogen succinate hydrochloride, 554

Methylprednisolone, steroids for acute exacerbations of COPD: how long is enough? 675

systemic glucocorticoids in severe exacerbations of COPD, 726 Metoprolol, asymptomatic atrial fibrillation: problems of management, 628

Microbial resistance: See Drug resistance

Microbiological testing, appropriate, in community-acquired pneumonia, 5

Microemboli, cerebral: See Cerebral microemboli

Microimmunofluorescence, asymptomatic respiratory infection with Chlamydia pneumoniae: what does it mean? 1303 Microlithiasis, pulmonary alveolar; patient with palpitations and

bilateral pulmonary infiltrates, 1951

Midazolam, do all patients require supplemental oxygen during flexible bronchoscopy? 1906

propofol vs, for ICU sedation: a Canadian multicenter randomized trial, 1151

sleep in critically ill patients requiring mechanical ventilation, vol. 117:809-818; erratum, vol. 119:993

Minimally invasive techniques, evaluation of different minimally invasive techniques in pediatric cardiac surgery: is a full sternotomy always a necessity? 622

lung cancer resection or aortic graft replacement with simultaneous myocardial revascularization without cardiopulmonary bypass, 1941

video-assisted thoracoscopic sterilization for exacerbation of chronic empyema thoracis, 277

Minnesota, Mycobacterium tuberculosis disease in Somali immigrants in, 176

Minocycline-induced pancreatitis in cystic fibrosis, 1283

Minority groups, risk factors for ARDS in the United States: analysis of the 1993 National Mortality Followback Study, 1179

Misdiagnosis: See Diagnosis

Mitral valve: See Heart valves

Molsidomine, nitric oxide and, in the management of pulmonary hypertension in Takayasu's arteritis, 302

Monocytes, relation between peripheral blood leukocyte counts and respiratory symptoms, atopy, lung function, and airway responsiveness in adults, 105

Mononucleosis, infectious; pharyngitis, splenomegaly, hilar, and peripheral adenopathy in a 29-year-old man with acute hypoxic respiratory failure, 1586

Montelukast, anti-inflammatory and lung function effects of, in asthmatic volunteers exposed to sulfur dioxide, 402

Churg-Strauss syndrome and, 668

evaluation of salmeterol or, as second-line therapy for asthma not controlled with inhaled corticosteroids, 1021

Morganella morganii, hospital-acquired infections, Feb. Suppl., 371S-430S

Mortality: See also Outcomes; Survival; antithrombotic therapy, Jan. Suppl., 1S-370S

case report of a Dactylaria fungal infection in a lung transplant patient, 651

deleterious effects of inhaled  $\beta\mbox{-agonists:}$  short-acting and long-acting agents differ, 1297

empiric antibiotic therapy and, among Medicare pneumonia inpatients in 10 western states: 1993, 1995, and 1997, 1420

hazards of lung cancer screening: three vignettes and a critique, 659, 660

hemoptysis in patients with renal insufficiency: the role of flexible bronchoscopy, 788

hospital-acquired infections, Feb. Suppl., 371S-430S

management of acute exacerbations of COPD: a summary and appraisal of published evidence, 1190

occupational distribution and geographic clustering of deaths certified to be cryptogenic fibrosing alveolitis in England and Wales, 428

predictors of resource utilization and, in cirrhotic patients admitted to the medical ICU, 1489

risk factors for ARDS in the United States: analysis of the 1993 National Mortality Followback Study, 1179

short-term, prognostic markers of, in AIDS-associated *Pneumocystis carinii* pneumonia, 844

study of consecutive autopsies in a medical ICU: a comparison of clinical cause of death and autopsy diagnosis, 530

underestimation of, following lung volume reduction surgery resulting from incomplete follow-up, 1056

Mortuary workers: See Occupational exposure

Mounier-Kuhn syndrome, a 60-year-old man with recurrent pneumonias, 1590

Mouth pressure, assessing inspiratory muscle strength in patients with neurologic and neuromuscular diseases: comparative evaluation of two noninvasive techniques. 1108

Moxifloxacin, oral, vs high-dosage amoxicillin in the treatment of mild-to-moderate, community-acquired, suspected pneumococcal pneumonia in adults. 185

Mucociliary system, effects of bronchial transection and reanastomosis on, 1510

Mucolytic agents, evidence base for management of acute exacerbations of COPD: clinical practice guideline, part 1, 1185

management of acute exacerbations of COPD: a summary and appraisal of published evidence, 1190

Mucosal damage, stress-related, GI complications in patients receiving mechanical ventilation, 1222

Mucus, the 24-h effect of mannitol on the clearance of, in patients with bronchiectasis, 414

Mueller maneuver, hemodynamic effects of simulated obstructive apneas in humans with and without heart failure, 1827

Multidrug resistance: See Drug resistance

Multiple organ dysfunction syndrome, filgrastim in patients with pneumonia and severe sepsis or septic shock, 523

Muscle mass, distribution of, and maximal exercise performance in patients with COPD, 93

Muscular dystrophy, Duchenne, advanced, row-a-boat phenomenon: respiratory compensation in, 1836

long-term ventilation for patients with: physicians' beliefs and practices, 940

should patients with neuromuscular disease be denied the choice of the treatment of mechanical ventilation? 683

Music, musical snoring, 1621

**Mutations: See Genetics** 

Mycobacterium avium-intracellulare, infection, plasma and BAL fluid concentrations of antimicrobial peptides in patients with, 1131

Mycobacterium tuberculosis: See also Tuberculosis; disease in Somali immigrants in Minnesota, 176

evaluation of polymerase chain reaction for detection of, in pleural fluid, 1737

microbiology of pediatric primary pulmonary tuberculosis, 1434 Mycoplasma pneumoniae, etiology of community-acquired pneumo-

nia requiring hospitalization in Japan, 1295 resolution of pleural effusions, 1547

Myeloperoxidase, effect of physical and chemical methods of homogenization on inflammatory mediators in sputum of asthma patients, 1521

Myocardial hypertrophy, effect of right ventricular dysfunction on left ventricular form and function, 1632

Myocardial infarction, anterior or right ventricular? ST-segment elevation in precordial leads, 290

antithrombotic therapy, Jan. Suppl., 1S-370S

ECG abnormalities associated with hypocalcemia, 668

long-term prognostic value of dobutamine stress echocardiography in patients with atrial fibrillation, 144

stress testing in cardiac evaluation: current concepts with emphasis on the ECG, 907

unusual complication of retrograde dissection to the coronary sinus of Valsalva during percutaneous revascularization: a singlecatheter experience and literature review, 493

Myocardial ischemia, coronary vasospasm in hypertrophic cardiomyopathy, 1289, 1290

stress testing in cardiac evaluation: current concepts with emphasis on the ECG, 907

Myocardial revascularization, simultaneous, lung cancer resection or aortic graft replacement with, without cardiopulmonary bypass, 1941

Myocardium: See also Heart; protecting [it] from ischemic injury: a critical role for  $\alpha_1$ -adrenoreceptors? 1242

protection, effect of ischemic preconditioning on, in coronary artery bypass graft patients: can the free radicals act as a trigger for ischemic preconditioning? 1061

sarcoidosis involving multiple systems: diagnostic and therapeutic challenges, 1593

Myonecrosis, a 55-year-old man with fever, renal failure, and hip pain, 281

Myopathy, pulmonary dysfunction in adults with nephropathic cystinosis, 394

Nasal mucosa, heat it or wet it<sup>9</sup> nasal symptoms secondary to the use of continuous positive airway pressure in sleep apnea, 310, 311, 312

Nasal noninvasive mechanical ventilation, obesity hypoventilation syndrome can be treated with, 1102

Nasal prongs: See Nose

National Cancer Institute: See US National Cancer Institute

Nebulization, jet, effect of size and disease on estimated deposition of drugs administered using, in children with cystic fibrosis, 1123

Nebulizers: See also Aerosols; choice for inhaled colistin treatment in cystic fibrosis, 250

comparative in vivo lung delivery of hydrofluoroalkane-salbutamol formulation via metered-dose inhaler alone, with plastic spacer, or with cardboard tube, 1018

compliance with bronchodilator treatment, 988, 989

deception in bronchodilator inhaler use, 1291, 1292

reality-based medicine-the response, 992

Neck, diaphragmatic paralysis following cervical chiropractic manipulation: case report and review, 638

syncope in a patient with cervical tumor and prolonged QT interval, 992

Necrosis, central, multiple aseptic pulmonary nodules with, in association with pyoderma gangrenosum, 977

Needle biopsy: See Biopsy

Neoplasm metastasis: See Metastatic neoplasms

Neoplasm staging, by positron emission tomography predicts survival in patients with non-small cell lung cancer, 333 endoluminal metastases of the tracheobronchial tree: is there any

way out? 679 malignant pleural effusion in non-small cell lung cancer-time for a

stage revision? 317
positron emission tomography in, of small-cell lung cancer: a

positron emission tomography in, of sman-cen lung cancer: a preliminary study, 950 stage 1A non-small cell lung cancer: a small proportion of cases in

the general population, 313, 314 utility of blind forceps biopsy of the main carina and upper-lobe carina in patients with non-small cell lung cancer, 632

Neoplasms: See also Neoplasm staging; Tumor markers; names of specific types of cancer, eg, Carcinoma; names of specific anatomic areas, eg, Bronchial neoplasms; Pulmonary neoplasms top ten list in sarcoidosis, 1930

Neopterin, BAL: a novel marker for cell-mediated immunity in patients with pulmonary tuberculosis and lung cancer, 776

Nephropathic cystinosis: See Cystinosis

Nervous system: See Autonomic nervous system; Central nervous system; Sympathetic nervous system

Neuraminidase inhibitors, influenza pneumonia in thoracic organ transplant recipients: what can we do to avoid it? 997

Neurilemoma, paravertebral, Dieulafoy's disease of the bronchus in association with, 292

Neuroendocrine system, pulmonary neoplasms, surgical spectrum of, 14 typical and atypical pulmonary carcinoids: outcome in patients

presenting with regional lymph node involvement, 1143

Neurofibromatosis, von Recklinghausen disease complicated by pulmonary hypertension, 1606

Neurologic disorders, assessing inspiratory muscle strength in patients with neuromuscular diseases and: comparative evaluation of two noninvasive techniques, 1108 Neurology, is off-pump cardiac surgery better for the brain? 1 Neuromuscular blockade, status asthmaticus in children: a review, 1913

Neuromuscular diseases, assessing inspiratory muscle strength in patients with neurologic diseases and: comparative evaluation of two noninvasive techniques, 1108

clinical aspects of respiratory muscle dysfunction in the critically ill, 926

long-term ventilation for patients with Duchenne muscular dystrophy: physicians' beliefs and practices, 940

should patients with, be denied the choice of the treatment of mechanical ventilation? 683

Neuromuscular dysfunction, critical interactions: man and machine, 996

Neuropathy, bilateral phrenic paralysis in a patient with systemic lupus erythematosus. 1274

clinical aspects of respiratory muscle dysfunction in the critically ill,

Neurosurgery, antithrombotic therapy, Jan. Suppl., 1S-370S

Neutrophilia, cells of asthma, 1299

Neutrophils, BAL induces an increase in peripheral blood cytokine levels and, in healthy volunteers and patients with pneumonia, 1724

cells of asthma, 1299

exhaled nitric oxide correlated with induced sputum findings in COPD, 1049

free range chicken soup, 1976

inflammation, heterogeneity of airway inflammation in persistent asthma: evidence of increased sputum interleukin-8 and, 1329 pentoxifylline rescue preserves lung function in isolated canine

lungs injured with phorbol myristate acetate, 1893 polymorphonuclear, evidence for inflammatory responses of the lungs during coronary artery bypass grafting with cardiopulmonary bypass, 31

relation between peripheral blood leukocyte counts and respiratory symptoms, atopy, lung function, and airway responsiveness in adults, 105

role of nuclear factor-κB activation in airway inflammation following adenovirus infection and COPD, 1294

Nicotine: See Smoking

Nifedipine, comparison of the effects of nitric oxide, nitroprusside, and, on hemodynamics and right ventricular contractility in patients with chronic pulmonary hypertension, 128

massive overdose, continuous calcium chloride infusion for, 1280 nitric oxide and molsidomine in the management of pulmonary hypertension in Takayasu's arteritis, 302

Nitric oxide, comparison of the effects of nitroprusside, nifedipine, and, on hemodynamics and right ventricular contractility in patients with chronic pulmonary hypertension, 128

exhaled, correlated with induced sputum findings in COPD, 1049 exhaled, dose-response relationship and reproducibility of the fall in, after inhaled beclomethasone dipropionate therapy in asthma patients, 1322

exhaled, is elevated in patients with progressive systemic sclerosis without interstitial lung disease, 1449

increased endothelial injury in septic patients with coronary artery disease, 874

inhaled, evaluating the validity of responsiveness to, in pediatric patients with ARDS: an analytic tool, 1166

molsidomine and, in the management of pulmonary hypertension in Takayasu's arteritis, 302

1-year continuous inhaled, for primary pulmonary hypertension, 970

Nitroprusside, comparison of the effects of nitric oxide, nifedipine, and, on hemodynamics and right ventricular contractility in patients with chronic pulmonary hypertension, 128

Nocturnal hypoxemia: See Hypoxemia, nocturnal

Nodules, pulmonary: See Pulmonary nodules

Nomenclature, abbreviated language skills, 322 definitions in sleep-disordered breathing, 1287

Noncompliance: See Patient compliance

Norepinephrine, protecting the myocardium from ischemic injury: a critical role for  $\alpha_1$ -adrenoreceptors? 1242

Nose, heat it or wet it? nasal symptoms secondary to the use of continuous positive airway pressure in sleep apnea, 310, 311, 312

obstruction and sleep apnea, 1620

performance of nasal prongs in sleep studies: spectrum of flowrelated events. 442

Nosocomial infection: See Cross infection

Nozovent, nasal obstruction and sleep apnea, 1620

Nuclear factor-KB, activation, role of, in airway inflammation following adenovirus infection and COPD, 1294

Nutrition, body composition analysis and changes in airways function in obese adults after hypocaloric diet, 1409

chicken soup or Jewish medicine? 1295

free range chicken soup, 1976

intervention in COPD: a systematic overview, 353

Obesity, antithrombotic therapy, Jan. Suppl., 1S-370S

body composition analysis and changes in airways function in adults after hypocaloric diet, 1409

community study of sleep-disordered breathing in middle-aged Chinese men in Hong Kong, 62

daytime sleepiness and EEG spectral analysis in apneic patients before and after treatment with continuous positive airway pressure, 45

effect of weight loss on the ECG of normotensive morbidly obese patients, 507

hypoventilation syndrome can be treated with noninvasive mechanical ventilation, 1102

massive, expiratory flow limitation and orthopnea in, 1401

sleep apnea: a global perspective, 4

treatment effects on carbon dioxide retention in patients with obstructive sleep apnea-hypopnea syndrome, 1814

Obstructive sleep apnea syndromes: See Sleep apnea syndromes, obstructive

Occupational and environmental lung disease,: See also Occupational exposure, below; short-term effects of wood smoke exposure on the respiratory system among charcoal production workers, 1260

Occupational exposure: See also Occupational and environmental lung disease, *above*; distribution and geographic clustering of deaths certified to be cryptogenic fibrosing alveolitis in England and Wales, 428

marked tachypnea in siblings with chronic beryllium disease due to copper-beryllium alloy, 647

pharmacologic properties of brewery dust extracts in vitro, 1870 transmission of Mycobacterium tuberculosis to a funeral director during routine embalming, 640

tuberculosis in correctional facilities: a nightmare without end in sight, 681

Octreotide, somatostatin in the treatment of chylothorax, 964

Office of Research Integrity, ethics, 321

OM-85 BV, safety and efficacy of two courses of, in the prevention of respiratory tract infections in children during 12 months, 1742

Omapatrilat, seniors and systolic hypertension: an unanswered call to arms, 323

Opinions/hypotheses, digital echocardiography: its role in modern medical practice, 271

protecting the myocardium from ischemic injury: a critical role for  $\alpha_1\text{-adrenoreceptors?}\ 1242$ 

Optic nerve, respiratory arrest in the eye clinic, 1953

Organ dysfunction syndrome: See Multiple organ dysfunction syndrome

Orthodeoxia: See Platypnea-orthodeoxia syndrome

Orthopedic pins, hemoptysis due to migration of a fractured Kirschner wire, 1285

Orthopedic surgery, antithrombotic therapy, Jan. Suppl., 1S-370S

Orthopnea, expiratory flow limitation and, in massively obese subjects, 1401

tidal expiratory flow limitation and, in patients with stable COPD,

OSA: See Sleep apnea syndromes, obstructive

Oscillation, high-frequency ventilation and the prevention of ventilator-associated lung injury, 1978 Oseltamivir, influenza pneumonia: a descriptive study, 1717

influenza pneumonia in thoracic organ transplant recipients: what can we do to avoid it? 997

influenza: will new diagnostic tests and antiviral drugs make a difference? 1630

Osteoporosis, antithrombotic therapy, Jan. Suppl., 1S-370S

Outcomes: See also Mortality; Survival; clinical application of a prognostic model for severe community-acquired pneumonia, 312, 313

do blood transfusions improve, related to mechanical ventilation? 1850

dobutamine echocardiography in patients with aortic stenosis and left ventricular dysfunction, 1766

effectiveness of outpatient pulmonary rehabilitation in chronic lung disease, 1705

in post-ICU mechanical ventilation: a therapist-implemented weaning protocol, 236

measures, utility of peak flow, symptom scores, and  $\beta$ -agonist use as, in asthma clinical research, 1027

as, in astrina clinical research, 1027 predictors of, for patients with COPD requiring invasive mechanical ventilation, 1840

prognostic markers of short-term mortality in AIDS-associated *Pneumocystis carinii* pneumonia, 844

short-term and long-term, after bilateral lung volume reduction surgery: prediction by quantitative CT, 1337

successful, bupropion for smoking cessation: predictors of, 1357 typical and atypical pulmonary carcinoids: outcome in patients presenting with regional lymph node involvement, 1143

what outcomes should be measured in patients with COPD? 327

Outpatient care: See Ambulatory care Overdiagnosis: See Diagnosis

Oximetry, do all patients require supplemental oxygen during flexible bronchoscopy? 1906

predictability of oxygen desaturation during sleep in patients with cystic fibrosis: clinical, spirometric, and exercise parameters,

underestimation of nocturnal hypoxemia due to monitoring conditions in patients with COPD, 1820

Oxygen: See also Oxygenation; Ventilation; desaturation, predictability of, during sleep in patients with cystic fibrosis: clinical, spirometric, and exercise parameters, 434

desaturation, sleep-disordered breathing in middle-aged adults predicts no significantly higher rates of traffic violations, 1623

hyperbaric, a 55-year-old man with fever, renal failure, and hip pain, 281

kinetics, prolonged, during early recovery from maximal exercise in adult patients with cystic fibrosis. 1073

saturation, definitions in sleep-disordered breathing, 1287

saturation, underestimation of nocturnal hypoxemia due to monitoring conditions in patients with COPD, 1820

supplemental, do all patients require [it] during flexible bronchoscopy? 1906

therapy, evidence base for management of acute exacerbations of COPD: clinical practice guideline, part 1, 1185

therapy, long-term, geographic variation in, in Denmark: factors related to adherence to guidelines for long-term oxygen therapy, 1711

therapy, long-term, impact of a hospital-based home-care program on the management of COPD patients receiving, 364

therapy, management of acute exacerbations of COPD: a summary and appraisal of published evidence, 1190

uptake, distribution of muscle mass and maximal exercise performance in patients with COPD, 93

uptake, prevalence of exercise-induced bronchospasm among US Army recruits and its effects on physical performance, 1676 uptake, significance of end-tidal PCO<sub>2</sub> response to exercise and its

uptake, significance of end-tidal PCO<sub>2</sub> response to exercise and its relation to functional capacity in patients with chronic heart failure, 811.

Oxygenation, evaluating the validity of responsiveness to inhaled nitric oxide in pediatric patients with ARDS: an analytic tool, 1166

randomized trial of prolonged prone positioning in children with acute respiratory failure, 211 Pain: See also Chest, pain; abdominal, lung mass in a smoker, 947 hip, a 55-year-old man with fever, renal failure, and, 281

Palpitations, patient with bilateral pulmonary infiltrates and, 1951 Pancreatic neoplasms, Brahms' illness, 985

Pancreatitis, minocycline-induced, in cystic fibrosis, 1283 resolution of pleural effusions, 1547

Pantoea agglomerans, hospital-acquired infections, Feb. Suppl., 371S-430S

Paraben, tacholiquine inhalation and aspirin-induced asthma, 670 Paralysis, diaphragmatic, following cervical chiropractic manipulation: case report and review, 638

Parapneumonic effusions, medical and surgical treatment of parapneumonic effusions: an evidence-based guideline, vol. 118:1158; erratum, vol. 119:319

resolution of pleural effusions, 1547

Paraquat, ingested, tracheal injury caused by, 1956

Parasites, solitary pulmonary nodule with zoonotic implications, 1250 Parkinson's disease, effects of levodopa on pulmonary function in, 387

Partial liquid ventilation: See Liquid ventilation, partial

Patent foramen ovale: See Foramen ovale, patent

Pathways, critical: See Guidelines

Patient compliance, bronchodilator treatment, 988, 989 deception in bronchodilator inhaler use, 1291, 1292

outcomes in post-ICU mechanical ventilation: a therapist-implemented weaning protocol, 236

reality-based medicine-the response, 992

Patients: See also Quality of life;  $\alpha_1$ -antitrypsin deficiency therapy: pieces of the puzzle, 676

antithrombotic therapy, Jan. Suppl., 1S-370S

effectiveness of outpatient pulmonary rehabilitation in chronic lung disease, 1705

long-term ventilation for patients with Duchenne muscular dystrophy: physicians' beliefs and practices, 940

psychological functioning of adults with cystic fibrosis, 1079 should patients with neuromuscular disease be denied the choice of the treatment of mechanical ventilation? 683

telephone-linked computer system for COPD care, 1565

underestimation of mortality following lung volume reduction surgery resulting from incomplete follow-up, 1056

underuse of inhaled steroid therapy in elderly patients with asthma, 720

Peak expiratory flow, diurnal variation, comparisons of postbron-chodilator  ${\rm FEV_1}$  responses, methacholine inhalation challenges and, in the evaluation of suspected asthma, 1001

effects of levodopa on pulmonary function in Parkinson's disease, 387

short-term effects of wood smoke exposure on the respiratory system among charcoal production workers, 1260

utility of symptom scores,  $\beta$ -agonist use and, as outcome measures in asthma clinical research, 1027

Peak inspiratory pressure, home ventilator low-pressure alarms fail to detect accidental decannulation with pediatric tracheostomy tubes, 562

Pectus excavatum, severe, associated with cor pulmonale and chronic respiratory acidosis in a young woman, 1957

Pediatrics: See Children

Peer review, editorial: See Publishing

Penicillin G, pleurisy, fever, and rapidly progressive pleural effusion in a healthy, 29-year-old physician, 1266

Penicillins, hospital-acquired infections, Feb. Suppl., 371S-430S

Pentamidine, aerosol, risk factors for prophylaxis failure in patients receiving, for *Pneumocystis carinii* pneumonia prophylaxis, 1427 Pentoxifylline, antithrombotic therapy, Jan. Suppl., 1S-370S

rescue preserves lung function in isolated canine lungs injured with phorbol myristate acetate, 1893

Peptides, antimicrobial, plasma and BAL fluid concentrations of, in patients with Mycobacterium avium-intracellulare infection, 1131

Percutaneous dilational tracheotomy: See Tracheotomy

Percutaneous needle aspiration: See Biopsy

Perflubron, clinical correlation with changing radiographic appearance during partial liquid ventilation, 1503 pulmonary and systemic distribution and elimination of, from adult patients treated with partial liquid ventilation, 515

Perfusion, abnormality, pulmonary, noninvasive assessment of, in patients with primary pulmonary hypertension, 824

Pericardium, effect of right ventricular dysfunction on left ventricular form and function, 1632

use of smaller, more flexible chest drains following open heart surgery: an initial evaluation, 19

Perindopril, angiotensin-converting enzyme inhibitor therapy improves respiratory muscle strength in patients with heart failure, 1755

Peripheral arterial occlusive disease, antithrombotic therapy, Jan. Suppl., 1S-370S

pH, evaluating sodium bicarbonate controversy, 1622

Pharmaceutical industry: See Drugs

Pharyngitis, splenomegaly, hilar, and peripheral adenopathy in a 29-year-old man with acute hypoxic respiratory failure, 1586

Philadelphia Veterans Affairs Medical Center, pulmonary outpatients, survey of the use of herbal agents among, 1981

Phorbol myristate acetate, pentoxifylline rescue preserves lung function in isolated canine lungs injured with, 1893

Phrenic nerve, bilateral paralysis in a patient with systemic lupus erythematosus, 1274

clinical aspects of respiratory muscle dysfunction in the critically ill, 926

diaphragmatic paralysis following cervical chiropractic manipulation: case report and review, 638

schwannoma, diaphragmatic event ration: an uncommon presentation of, 1615

Physical examinations, auditory detection of simulated crackles in breath sounds, 1886

Physical fitness, prevalence of exercise-induced bronchospasm among US Army recruits and its effects on physical performance, 1676

Physical therapy, management of acute exacerbations of COPD: a summary and appraisal of published evidence, 1190

Physician-patient relationship: See also Ethics; deception in bronchodilator inhaler use, 1291, 1292

Physicians, auditory detection of simulated crackles in breath sounds, 1886

beliefs and practices: long-term ventilation for patients with Duchenne muscular dystrophy, 940

chicken soup or Jewish medicine? 1295

considerations in the relationship between the American College of Chest Physicians and industry, 1257

education and the pharmaceutical industry, 995 gender bias in the diagnosis of COPD, 1691

geographic variation in long-term oxygen therapy in Denmark: factors related to adherence to guidelines for long-term oxygen therapy, 1711

healthy, 29-year-old, pleurisy, fever, and rapidly progressive pleural effusion in, 1266

motivating factors in futile clinical interventions, 1944

pulmonary artery catheterization in the ICU/critical care unit: indications and contraindications, 999

seniors and systolic hypertension: an unanswered call to arms, 323 should patients with neuromuscular disease be denied the choice of the treatment of mechanical ventilation? 683

telephone-linked computer system for COPD care, 1565

time for introspection, 1255

translating guidelines into practice: implementation and physician behavior change, vol. 118:15-73S; erratum, vol.119:319 value of a hospitalist service: efficient care for the aging popula-

tion? 580

why blame private practitioners? 1288

Pigs: See Swine

Piperacillin, hospital-acquired infections, Feb. Suppl., 3715-430S systemic antibiotics fail to clear multidrug-resistant Klebsiella from a pediatric ICU, 862

Plagiarism: See Authors

Plasma: See Blood

Platelet glycoprotein (GPHB/IIIA) receptor antagonists: See Integrin αHBβ<sub>3</sub> (GPHB/IIIA) receptor antagonists

Platelets, antithrombotic therapy, Jan. Suppl., 1S-370S

evidence for inflammatory responses of the lungs during coronary artery bypass grafting with cardiopulmonary bypass, 31

Platypnea-orthodeoxia syndrome: a probably underestimated syndrome? 1624

Plethysmography, definitions in sleep-disordered breathing, 1287

Pleura, intrapleural administration of diluted fibrin glue for intractable pneumothorax, 671

pneumothorax: is chest tube clamp necessary before removal? 1292, 1293

potentially dangerous negative intrapleural pressures generated by ordinary pleural drainage systems, 511

use of an implantable catheter for trapped lung syndrome in patients with malignant pleural effusion, 1641

Pleural effusions, diagnostic value of CYFRA 21–1 tumor marker and CEA in, due to mesothelioma, 1138

malignant, combination chemotherapy in patients with, from nonsmall cell lung cancer: cisplatin, ifosfamide, and irinotecan with recombinant human granulocyte colony-stimulating factor support, 340 malignant, in non-small cell lung cancer—time for a stage revision?

317

malignant, use of an implantable pleural catheter for trapped lung syndrome in patients with malignant pleural effusion, 1641

rapidly progressive, pleurisy and fever in a healthy, 29-year-old physician, 1266

recurrent massive bilateral, chronic eosinophilic pneumonia presenting with: case report, 968

resolution of, 1547

symptomatic persistent post-coronary artery bypass graft, requiring operative treatment: clinical and histologic features, 795

thoracoscopy talc poudrage: a 15-year experience, 801

transudative and exudative, pleural to serum cholinesterase ratio in separation of, 989, 990

use of smaller, more flexible chest drains following open heart surgery: an initial evaluation, 19

Pleural fluid, Coulter counter registers talc particles as leukocytes, 669

evaluation of polymerase chain reaction for detection of Mycobacterium tuberculosis in, 1737

relationship between serum cholesterol levels and, 204

to serum cholinesterase ratio in separation of transudative and exudative pleural effusions, 989, 990

Pleural neoplasms, malignant mesothelioma produces functional granulocyte-colony stimulating factor, 981

Pleurisy, fever, rapidly progressive pleural effusion and, in a healthy, 29-year-old physician, 1266

rheumatoid, resolution of pleural effusions, 1547

Pleurodesis, experimental, in rabbits induced by silver nitrate or talc: 1-year follow-up, 1516

intrapleural administration of diluted fibrin glue for intractable pneumothorax, 671

silver nitrate and, 1624

talc preparations used for, vary markedly from one preparation to another, 1901

thoracoscopy tale poudrage: a 15-year experience, 801

Pneumocardia, seizure in a scuba diver, 285

Pneumococcal pneumonia: See Pneumonia, pneumococcal

Pneumococcus: See Streptococcus pneumoniae

Pneumocystis carinii pneumonia: See Pneumonia

Pneumonectomy, late mediastinal shift after repeated aspiration of seroma, 975

surgical spectrum of pulmonary neuroendocrine neoplasms, 14 Pneumonia, angiotensin-converting enzyme inhibitors, angiotensin-II receptor antagonists and, in elderly hypertensive patients with

stroke, 660, 661 bacterial, BAL and serum IgG levels in healthy asymptomatic HIV-infected patients, 196

BAL induces an increase in peripheral blood neutrophils and cytokine levels in healthy volunteers and patients with, 1724

community-acquired, appropriate microbiological testing in, 5 community-acquired, cost-effectiveness of gatifloxacin vs ceftriaxone with a macrolide for the treatment of, 1439 community-acquired, empiric antibiotic therapy and mortality among Medicare inpatients in 10 western states: 1993, 1995, and 1997, 1420

community-acquired. etiology of, requiring hospitalization in Japan, 1295

community-acquired, nonsevere, nonvalue of the initial microbiological studies in the management of, 181

community-acquired, severe, clinical application of a prognostic model for, 312, 313

detection of *Streptococcus pneumoniae* antigen by a rapid immunochromatographic assay in urine samples, 243

eosinophilic, chronic, presenting with recurrent massive bilateral pleural effusion: case report, 968

Epstein-Barr virus; pharyngitis, splenomegaly, hilar, and peripheral adenopathy in a 29-year-old man with acute hypoxic respiratory failure, 1586

filgrastim in patients with severe sepsis or septic shock and, 523

hospital-acquired infections, Feb. Suppl., 371S-430S

in patients with severe burns: a classification according to the concept of the carrier state, 1160

influenza: a descriptive study, 1717

influenza, in lung transplant recipients: clinical features and association with bronchiolitis obliterans syndrome, 1277

influenza, in thoracic organ transplant recipients: what can we do to avoid it? 997

influenza: will new diagnostic tests and antiviral drugs make a difference? 1630

nosocomial, transfusion of blood components and postoperative infection in patients undergoing cardiac surgery, 1461

pneumococcal, suspected, community-acquired, mild-to-moderate, oral moxifloxacin vs high-dosage amoxicillin in the treatment of, in adults, 185

pneumococcal, top ten list in pneumonia, 1563

pneumococcal, urinary antigen test for diagnosis of, 9

Pneumocystis carinii, AIDS-associated, prognostic markers of short-term mortality in, 844

Pneumocystis carinii, risk factors for prophylaxis failure in patients receiving aerosol pentamidine for, 1427

recurrent, a 60-year-old man with, 1590

spectrum of Aspergillus infection in lung transplant recipients: case series and review of the literature, 169

steady-state plasma and intrapulmonary concentrations of levofloxacin and ciprofloxacin in healthy adult subjects, 1114

streptococcal, group A β-hemolytic; pleurisy, fever, and rapidly progressive pleural effusion in a healthy, 29-year-old physician, 1266

ticlopidine-induced interstitial pulmonary disease: a case report, 1963

top ten list in, 1563

utility of Wang needle aspiration in the diagnosis of actinomycosis,

ventilator-associated, continuous subglottic suctioning for the prevention of: potential economic implications, 228

ventilator-associated, critical interactions: man and machine, 996 ventilator-associated, GI complications in patients receiving mechanical ventilation, 1222

ventilator-associated, top ten list in pneumonia, 1563

Pneumonitis, interstitial, usefulness of pulmonary vascular leakiness assessment in interstitial pneumonitis, 1455

pulmonary cytomegalovirus infection in immunocompromised patients, 838

tale preparations used for pleurodesis vary markedly from one preparation to another, 1901

Pneumotachography, definitions in sleep-disordered breathing, 1287 Pneumothorax, chest radiography following thoracentesis, 1289

intractable, intrapleural administration of diluted fibrin glue for,  $671\,$ 

is chest tube clamp necessary before removal? 1292, 1293

primary spontaneous, blebs and/or bullae are of no importance and have no predictive value for recurrences in patients with, 1976, 1977

primary spontaneous, in two siblings suggests autosomal recessive inheritance, 1610

spontaneous, management of: an American College of Chest Physicians Delphi Consensus Statement, 590

therapeutic, video-assisted thoracoscopic sterilization for exacerbation of chronic empyema thoracis, 277

thoracoscopy talc poudrage: a 15-year experience, 801

tracheal injury caused by ingested paraquat, 1956

unilateral primary [spontaneous], CT scanning and bilateral surgery for? 1293, 1294

Poisoning, tracheal injury caused by ingested paraquat, 1956

Polyarteritis nodosa, hepatitis B-related polyarteritis nodosa complicated by pulmonary hemorrhage, 1608

Polymerase chain reaction, asymptomatic respiratory infection with Chlamydia pneumoniae: what does it mean? 1303

evaluation of, for detection of Mycobacterium tuberculosis in pleural fluid, 1737

Polymorphism: See Genetics

Polysomnography, clarification of sleep study procedures, 673 performance of nasal prongs in sleep studies: spectrum of flowrelated events, 442

sleep apnea: a global perspective, 4

sleep in critically ill patients requiring mechanical ventilation, vol. 117:809-818; erratum, vol. 119:993

sleep tools, 1303

underestimation of nocturnal hypoxemia due to monitoring conditions in patients with COPD, 1820

unreliability of automatic scoring of MESAM 4 in assessing patients with complicated obstructive sleep apnea syndrome, 1387

Positioning, body: See Posture

Positive airway pressure, bilevel nasal, and ballooning of the stomach, 1965

Positive airway pressure, continuous, breath-to-breath variability correlates with apnea-hypopnea index in obstructive sleep ap-

bronchoscopy via, for patients with respiratory failure, 670

daytime sleepiness and EEG spectral analysis in apneic patients before and after treatment with, 45

nasal, symptoms secondary to the use of, in sleep apnea, 310, 311, 312

nasal, predictive factors for the need for additional humidification during, 460

nocturnal, treatment effects on carbon dioxide retention in patients with obstructive sleep apnea-hypopnea syndrome, 1814

normalizes cardiac autonomic and hemodynamic responses to a laboratory stressor in apneic patients, 1092

slow-wave activity in sleep apnea patients before and after treatment, contribution to daytime sleepiness, 1807

Positive end-expiratory pressure, critical interactions: man and machine, 996

GI complications in patients receiving mechanical ventilation, 1222 orthopnea and tidal expiratory flow limitation in patients with stable COPD, 99

pentoxifylline rescue preserves lung function in isolated canine lungs injured with phorbol myristate acetate, 1893

status asthmaticus in children: a review, 1913 Positive pressure ventilation, critical interactions: man and machine,

home ventilator low-pressure alarms fail to detect accidental decannulation with pediatric tracheostomy tubes, 562

noninvasive, evidence base for management of acute exacerbations of COPD: clinical practice guideline, part 1, 1185

noninvasive, management of acute exacerbations of COPD: a summary and appraisal of published evidence, 1190 status asthmaticus in children: a review, 1913

Positron emission tomography: See Tomography, positron emission Postcardiac injury syndrome, resolution of pleural effusions, 1547

Postoperative complications, see also Pulmonary complications; acute respiratory failure associated with pulmonary cryptococcosis in non-AIDS patients, 1865

adrenal insufficiency in high-risk surgical ICU patients, 889 asymptomatic expectoration of surgical staples complicating lung volume reduction surgery, 307

efficacy of postoperative incentive spirometry is influenced by the device-specific imposed work of breathing, 1858

incidence and predictors of ARDS after cardiac surgery, 884

influenza pneumonia in lung transplant recipients: clinical features and association with bronchiolitis obliterans syndrome, 1277 influenza pneumonia in thoracic organ transplant recipients: what

can we do to avoid it? 997

late mediastinal shift after repeated aspiration of postpneumonectomy seroma, 975

percutaneous tracheostomy, 1282

spectrum of Aspergillus infection in lung transplant recipients: case series and review of the literature, 169

symptomatic persistent post-coronary artery bypass graft pleural effusions requiring operative treatment: clinical and histologic features, 795

transfusion of blood components and infection in patients undergoing cardiac surgery, 1461

use of smaller, more flexible chest drains following open heart surgery: an initial evaluation, 19

Postoperative period, factors associated with prolonged mechanical ventilation following coronary artery bypass surgery, 537

is off-pump cardiac surgery better for the brain? I

vascular endothelial growth factor in human lung transplantation,

Posture, bilevel nasal positive airway pressure and ballooning of the stomach, 1965

expiratory flow limitation and orthopnea in massively obese subiects, 1401

orthopnea and tidal expiratory flow limitation in patients with stable COPD, 99

randomized trial of prolonged prone positioning in children with acute respiratory failure, 211

row-a-boat phenomenon: respiratory compensation in advanced Duchenne muscular dystrophy, 1836

Power of attorney, durable, do surrogate decision makers provide accurate consent for intensive care research? 603

Practice guidelines: See Guidelines

Pravastatin, lipid-lowering agents and artery endothelial function,

Prednisolone, multiple aseptic pulmonary nodules with central necrosis in association with pyoderma gangrenosum, 977

Prednisone, sarcoidosis involving multiple systems: diagnostic and therapeutic challenges, 1593

Pregnancy, antithrombotic therapy, Jan. Suppl., 1S-370S primary pulmonary hypertension and: successful outcome with epoprostenol therapy, 973

safety of dextromethorphan in: results of a controlled study, 466 transcatheter embolotherapy of maternal pulmonary arteriovenous malformations during, 470

Pregnancy termination: See Abortion

Preliminary reports (feature), positron emission tomography in the staging of small-cell lung cancer: a preliminary study, 950 telephone-linked computer system for COPD care, 1565

Premature infants: See Children

Pressure support ventilation, weaning the difficult patient: the evolution from art to science, 7

Pressure ulcers: See Skin

Primary care, effectiveness and safety of salmeterol in nonspecialist practice settings, 714

seniors and systolic hypertension: an unanswered call to arms, 323 Prisons, acceptability of short-course rifampin and pyrazinamide treatment of latent tuberculosis infection among jail immates,

tuberculosis in correctional facilities: a nightmare without end in sight, 681

Prognosis: See Diagnosis: Mortality: Outcomes; Survival

Prone position: See Posture

Prongs, nasal: See Nose

Propafenone, asymptomatic atrial fibrillation: problems of management, 628

Propofol, midazolam vs, for ICU sedation: a Canadian multicenter randomized trial, 1151

Prostacyclin: See Epoprostenol

Protease α<sub>1</sub>-inhibitor deficiency, longitudinal follow-up of patients with, before and during therapy with IV  $\alpha_1$ -protease inhibitor, Protected specimen brushing, hospital-acquired infections, Feb. Suppl., 371S-430S

Protein S-100: See Glial protein S-100

Proteinosis, focal congenital alveolar, associated with abnormal surfactant protein B messenger RNA, 645

Proteins, relationship between pleural fluid and serum cholesterol levels, 204

Proteus, hospital-acquired infections, Feb. Suppl., 371S-430S

Protocols: See Guidelines

Proxy decision making: See Decision makers

Pseudomonas aeruginosa, hospital-acquired infections, Feb. Suppl., 371S-430S

nebulizer choice for inhaled colist in treatment in cystic fibrosis,  $250\,$ 

Psychiatry, epidemiology of psychiatric medication use in patients recovering from critical illness at a long-term acute-care facility, 547

Psychological functioning of adults with cystic fibrosis, 1079

Psychology, caregiver strain associated with tracheostomy in chronic respiratory failure, 1498

Public health, hospital-acquired infections, Feb. Suppl., 371S-430S Mycobacterium tuberculosis disease in Somali immigrants in Minnesota. 176

sleep-disordered breathing in middle-aged adults predicts no significantly higher rates of traffic violations, 1623

treatment of isoniazid-resistant tuberculosis in southeastern Texas, 1730

tuberculosis in correctional facilities: a nightmare without end in sight, 681

why blame private practitioners? 1288

Publishing, abbreviated language skills, 322

ethics, 321

Pulmonary alveolar microlithiasis: See Microlithiasis

Pulmonary and critical care pearls, a 55-year-old man with fever, renal failure, and hip pain, 281

a 52-year-old woman with recurrent hemoptysis, 955

pharyngitis, splenomegaly, hilar, and peripheral adenopathy in a 29-year-old man with acute hypoxic respiratory failure, 1586 pleurisy, fever, and rapidly progressive pleural effusion in a

healthy, 29-year-old physician, 1266 respiratory arrest in the eye clinic, 1953

Pulmonary arteriovenous malformations, maternal, transcatheter embolotherapy of, during pregnancy, 470

Pulmonary artery: See also Hypertension, pulmonary; catheterization in the ICU/critical care unit: indications and contraindications, 999

compression, treatment of, due to fibrous mediastinitis with endovascular stent placement, 966

hypertension and thyroid disease, 1980

intralobar pulmonary sequestration, 990, 991

nitric oxide and molsidomine in the management of pulmonary hypertension in Takayasu's arteritis, 302

pressure, impaired left ventricular filling due to right ventricular pressure overload in primary pulmonary hypertension: noninvasive monitoring using MRI, 1761

pressure, prognostic factors in medically treated patients with chronic pulmonary embolism, 818

Pulmonary circulation, evidence for inflammatory responses of the lungs during coronary artery bypass grafting with cardiopulmonary bypass, 31

pulmonary injury after cardiopulmonary bypass, 2

transcatheter embolotherapy of maternal pulmonary arteriovenous malformations during pregnancy, 470

usefulness of pulmonary vascular leakiness assessment in interstitial pneumonitis, 1455

Pulmonary complications, bilateral phrenic paralysis in a patient with systemic lupus erythematosus, 1274

cavitary lung disease, 300

critical interactions: man and machine, 996

efficacy of postoperative incentive spirometry is influenced by the device-specific imposed work of breathing, 1858

hemorrhage, hepatitis B-related polyarteritis nodosa complicated by, 1608 high-frequency ventilation and the prevention of ventilator-associated lung injury, 1978

incidence and predictors of ARDS after cardiac surgery, 884

influenza pneumonia: a descriptive study, 1717

sedation for pediatric bronchoscopy, 316

ticlopidine-induced interstitial pulmonary disease: a case report, 1963

Pulmonary diseases, cavitary lung disease, 300

effect of right ventricular dysfunction on left ventricular form and function, 1632

gene therapy for, 613

interstitial, exhaled nitric oxide is elevated in patients with progressive systemic sclerosis without, 1449

interstitial, marked tachypnea in siblings with chronic beryllium disease due to copper-beryllium alloy, 647

interstitial pneumonitis, usefulness of pulmonary vascular leakiness assessment in, 1455

interstitial, ticlopidine-induced, a case report, 1963

qualitative systematic overview of the measurement properties of functional walk tests used in the cardiorespiratory domain, 256

restrictive and obstructive, thoracic dimensions at maximum lung inflation in normal subjects and in patients with, 376

restrictive, pulmonary dysfunction in adults with nephropathic cystinosis, 394

Pulmonary diseases, chronic obstructive: See also Asthma; Emphysema; blebs and/or bullae are of no importance and have no predictive value for recurrences in patients with primary spontaneous pneumothorax, 1976, 1977

care, telephone-linked computer system for, 1565

costs of treating, in the United States, 344

determinants of different dimensions of disease severity in asthma and: pulmonary function and health-related quality of life, 1034

distribution of muscle mass and maximal exercise performance in patients with COPD, 93

early detection of, in a high-risk population using spirometric screening, 731

effectiveness of outpatient pulmonary rehabilitation in chronic lung disease, 1705

evidence base for management of acute exacerbations of: clinical practice guideline, part 1, 1185

exacerbations, bacteria and, redux, 663, 666

exhaled nitric oxide correlated with induced sputum findings in, 1049

gender moderates the effects of exercise therapy on health-related quality of life among patients, 70

geographic variation in long-term oxygen therapy in Denmark: factors related to adherence to guidelines for long-term oxygen therapy, 1711

impact of a hospital-based home-care program on the management of patients receiving long-term oxygen therapy, 364

impact of combined inhaled bronchodilator therapy in the treatment of, 85

in patients with, treatment with a combination of formoterol and ipratropium is more effective than a combination of salbutamol and ipratropium, 1374

increased prevalence of gastroesophageal reflux symptoms in patients with, 1043

is it really useful to repeat outpatient pulmonary rehabilitation programs in patients with chronic airway obstruction? A 2-year controlled study, 1696

management of acute exacerbations of COPD: a summary and appraisal of published evidence, 1190

maximal inspiratory flow rates in patients with COPD, vol. 118:976; erratum, vol. 119:319

no association of tumor necrosis factor- $\alpha$  gene polymorphism and, in Caucasian smokers and Japanese smokers, 315

nutritional intervention in: a systematic overview, 353

optimizing bronchodilator therapy for, 1628

predictors of outcome for patients with, requiring invasive mechanical ventilation, 1840

prognostic factors in medically treated patients with chronic pulmonary embolism, 818

qualitative systematic overview of the measurement properties of functional walk tests used in the cardiorespiratory domain, 256

quality of life measured with a generic instrument (short form-36) improves following pulmonary rehabilitation in, 77

reality-based medicine-the response, 992

relation between peripheral blood leukocyte counts and respiratory symptoms, atopy, lung function, and airway responsiveness in adults, 105

role of nuclear factor-κB activation in airway inflammation following adenovirus infection and, 1294

salmeterol plus theophylline combination therapy in the treatment of, 1661

size and composition changes in diaphragmatic fibers in rats exposed to chronic hypercapnia, 565

smoking characteristics: differences in attitudes and dependence between healthy smokers and smokers with, 1365

stable, orthopnea and tidal expiratory flow limitation in patients with, 99

steroids for acute exacerbations of: how long is enough? 675 systemic glucocorticoids in severe exacerbations of COPD, 726 thousand dispursions at proximary hour industry in corporations.

thoracic dimensions at maximum lung inflation in normal subjects and in patients with restrictive lung diseases and, 376

underestimation of nocturnal hypoxemia due to monitoring conditions in patients with, 1820 what outcomes should be measured in patients with? 327

Pulmonary edema, acute, etiology of, during liver transplantation: a series of cases with analysis of the edema fluid, 219

continuous calcium chloride infusion for massive nifedipine overdose, 1280

Pulmonary embolism, acute, strategies incorporating spiral CT for the diagnosis of: a cost-effectiveness analysis, 1791

antithrombotic therapy, Jan. Suppl., 1S-370S chronic, prognostic factors in medically treated patients with, 818 resolution of pleural effusions, 1547

Pulmonary fibrosis, intrapleural administration of diluted fibrin glue for intractable pneumothorax, 671

thoracic dimensions at maximum lung inflation in normal subjects and in patients with obstructive and restrictive lung diseases, 376

Pulmonary function: See also specific measures, eg. Forced expiratory volume; angiotensin-converting enzyme inhibitor therapy improves respiratory muscle strength in patients with heart failure, 1755

anti-inflammatory and lung function effects of montelukast in asthmatic volunteers exposed to sulfur dioxide, 402

deleterious effects of inhaled  $\beta$ -agonists: short-acting and long-acting agents differ, 1297

determinants of different dimensions of disease severity in asthma and COPD: health-related quality of life and, 1034 distribution of muscle mass and maximal exercise performance in

patients with COPD, 93

dysfunction in adults with nephropathic cystinosis, 394 effects of levodopa on, in Parkinson's disease, 387

evidence for inflammatory responses of the lungs during coronary artery bypass grafting with cardiopulmonary bypass, 31

expanding knowledge of lung volume reduction, 1300 increased prevalence of gastroesophageal reflux symptoms in

patients with COPD, 1043 management of spontaneous pneumothorax: an American College of Chest Physicians Delphi Consensus Statement, 590

maximal expiratory flow patterns after single-lung transplantation in patients with and without chronic airways obstruction, 163 optimizing bronchodilator therapy for COPD, 1628

paradoxical vocal cord movement, 1619

pentoxifylline rescue preserves, in isolated canine lungs injured with phorbol myristate acetate, 1893

placebo-controlled clinical trial of regular monotherapy with short-acting and long-acting  $\beta_2$ -agonists in allergic asthmatic patients, 1306

psychological functioning of adults with cystic fibrosis, 1079

relation between peripheral blood leukocyte counts and respiratory symptoms, atopy, airway responsiveness and, in adults, 105 salmeterol plus theophylline combination therapy in the treatment of COPD, 1661

short-term and long-term outcomes after bilateral lung volume reduction surgery: prediction by quantitative CT, 1337

short-term effects of wood smoke exposure on the respiratory system among charcoal production workers, 1260

the 24-h effect of mannitol on the clearance of mucus in patients with bronchiectasis, 414

weaning the difficult patient: the evolution from art to science, 7 what outcomes should be measured in patients with COPD? 327

Pulmonary gas exchange, aerosolized iloprost therapy could not replace long-term IV epoprostenol (prostacyclin) administration in severe pulmonary hypertension, 296

Pulmonary hypertension: See Hypertension, pulmonary

Pulmonary infections: See also Pneumonia; acute respiratory failure associated with pulmonary cryptococcosis in non-AIDS patients, 1865

asymptomatic, with Chlamydia pneumoniae: what does it mean? 1303

BAL and serum IgG levels in healthy asymptomatic HIV-infected patients, 196

cytomegalovirus, in immunocompromised patients, 838

plasma and BAL fluid concentrations of antimicrobial peptides in patients with Mycobacterium avium-intracellulare infection, 1131

prevalence of asymptomatic infection with Chlamydia pneumoniae in subjectively healthy adults, 1416

role of nuclear factor-κB activation in airway inflammation following adenovirus infection and COPD, 1294

safety and efficacy of two courses of OM-85 BV in the prevention of respiratory tract infections in children during 12 months, 1742

steady-state plasma and intrapulmonary concentrations of levofloxacin and ciprofloxacin in healthy adult subjects. 1114

transfusion of blood components and postoperative infection in patients undergoing cardiac surgery, 1461

Pulmonary infiltrates, bilateral, patient with palpitations and, 1951 Pulmonary medicine, critical interactions: man and machine, 996

Pulmonary neoplasms: See also Tumor markers; BAL neopterin: a novel marker for cell-mediated immunity in patients with pulmonary tuberculosis and, 776

carcinoid: presentation, diagnosis and outcome in 142 cases in Israel and review of 640 cases from the literature, 1647

cigarette smoking and the risk of pulmonary metastasis from breast cancer, 1635

cigarette smoking, pulmonary metastases and breast carcinoma: coincidence or causality? 1627

diagnostic value of CYFRA 21–1 tumor marker and CEA in pleural effusion due to mesothelioma, 1138

endoluminal metastases of the tracheobronchial tree: is there any way out? 679

endotracheal/endobronchial metastases: clinicopathologic study with special reference to developmental modes, 768

hazards of screening: three vignettes and a critique, 659, 660 lung cancer overdiagnosis bias: "the gyanousa am loose!" 322 lung cancer resection or aortic graft replacement with simulta-

lung cancer resection or aortic graft replacement with simultaneous myocardial revascularization without cardiopulmonary bypass, 1941

lung mass in a smoker, 947

neuroendocrine, surgical spectrum of, 14

non-small cell lung cancer, combination chemotherapy in patients with malignant pleural effusions from: cisplatin, ifosfamide, and irinotecan with recombinant human granulocyte colony-stimulating factor support, 340

non-small cell lung cancer, malignant pleural effusion in, time for a stage revision? 317

non-small cell lung cancer, stage 1A: a small proportion of cases in the general population, 313, 314

non-small cell lung cancer, staging by positron emission tomography predicts survival in patients with, 333

non-small cell lung cancer, surgical management of, with synchronous brain metastases, 1469

non-small cell, utility of blind forceps biopsy of the main carina and upper-lobe carina in patients with, 632

small-cell lung cancer, positron emission tomography in the staging of: a preliminary study, 950

tumor embolism as a presenting feature of cavoatrial hepatocellular carcinoma, 657

typical and atypical pulmonary carcinoids: outcome in patients presenting with regional lymph node involvement, 1143

Pulmonary nodules, multiple aseptic, with central necrosis in association with pyoderma gangrenosum, 977

solitary, with zoonotic implications, 1250

Pulmonary rehabilitation: See Rehabilitation

Pulmonary sarcoidosis: See Sarcoidosis

Pulmonary sequestration: See Bronchopulmonary sequestration

Pulmonary tumor embolism as a presenting feature of cavoatrial hepatocellular carcinoma, 657

Pulmonary vascular disease, maximal expiratory flow patterns after single-lung transplantation in patients with and without chronic airways obstruction, 163

Pulmonary vascular resistance, nitric oxide and molsidomine in the management of pulmonary hypertension in Takayasu's arteritis,

noninvasive assessment of pulmonary perfusion abnormality in patients with primary pulmonary hypertension, 824

Pulmonary vein, left atrial appendage flow in nonrheumatic atrial fibrillation: relationship with pulmonary venous flow and ECG fibrillatory wave amplitude, 485

Pulse oximetry: See Oximetry

"Pump lung," see Cardiopulmonary bypass

Pyoderma gangrenosum, multiple aseptic pulmonary nodules with central necrosis in association with, 977

Pyrazinamide, acceptability of short-course rifampin treatment and, of latent tuberculosis infection among jail inmates, 833

treatment of isoniazid-resistant tuberculosis in southeastern Texas,

tuberculosis in correctional facilities: a nightmare without end in sight, 681

Quality, antithrombotic therapy, Jan. Suppl., 1S-370S

Quality of life, effectiveness of outpatient pulmonary rehabilitation in chronic lung disease, 1705

expanding knowledge of lung volume reduction, 1300

health-related, determinants of different dimensions of disease severity in asthma and COPD: pulmonary function and, 1034 health-related, gender moderates the effects of exercise therapy

on, among COPD patients, 70 is it really useful to repeat outpatient pulmonary rehabilitation programs in patients with chronic airway obstruction? A 2-year controlled study, 1696

long-term ventilation for patients with Duchenne muscular dystrophy: physicians' beliefs and practices, 940

measured with a generic instrument (short form-36) improves following pulmonary rehabilitation in COPD, 77 optimizing bronchodilator therapy for COPD, 1628

salmeterol plus theophylline combination therapy in the treatment of COPD, 1661

what outcomes should be measured in patients with COPD? 327 Questionnaires, quality of life measured with a generic instrument (short form-36) improves following pulmonary rehabilitation in

survey of the use of herbal agents among Philadelphia Veterans Affairs Medical Center pulmonary outpatients, 1981 what outcomes should be measured in patients with COPD? 327

Quinidine, as an antiarrhythmic, 1617, 1618

Rabbits, experimental pleurodesis in, induced by silver nitrate or talc: 1-year follow-up, 1516

Radial artery, long-term cannulation in ICU patients, 901

Radiography: See also Roentgenogram of the month; changing appearance, clinical correlation with, during partial liquid ventilation, 1503

chest, following thoracentesis, 1289

differing chest imaging patterns in three patients are caused by one microbe, 1253

evidence base for management of acute exacerbations of COPD: clinical practice guideline, part 1, 1185

a 51-year-old man with a complicated medical history and abnormal chest radiographic finding, 1948

hazards of lung cancer screening: three vignettes and a critique,

management of acute exacerbations of COPD: a summary and appraisal of published evidence, 1190

management of spontaneous pneumothorax: an American College of Chest Physicians Delphi Consensus Statement, 590

Radiology, transcatheter embolotherapy of maternal pulmonary arteriovenous malformations during pregnancy, 470

Radionuclide angiography: See Angiography

Ramipril, seniors and systolic hypertension: an unanswered call to arms. 323

Rapid eye movement, daytime sleepiness and EEG spectral analysis in apneic patients before and after treatment with continuous positive airway pressure, 45

Rats, effect of a serotonin receptor antagonist on interleukin-6induced pulmonary hypertension in, 554

effects of bronchial transection and reanastomosis on mucociliary system, 1510

size and composition changes in diaphragmatic fibers in, exposed to chronic hypercapnia, 565 Reanastomosis: See Anastomosis

Receptors,, α<sub>1</sub>-adrenergic: See Adrenergic α<sub>1</sub>-receptors

Recoil, elastic, of the lung: See Lung

Recombinant methionyl human granulocyte colony-stimulating factor: See Filgrastim

Recurrence, blebs and/or bullae are of no importance and have no predictive value for recurrences in patients with primary spontaneous pneumothorax, 1976, 1977

evidence base for management of acute exacerbations of COPD: clinical practice guideline, part 1, 1185

management of acute exacerbations of COPD: a summary and appraisal of published evidence, 1190

Rehabilitation, gender moderates the effects of exercise therapy on health-related quality of life among COPD patients, 70

is it really useful to repeat outpatient programs in patients with chronic airway obstruction? A 2-year controlled study, 1696 outpatient pulmonary, effectiveness of, in chronic lung disease,

pulmonary, quality of life measured with a generic instrument (short form-36) improves following, in COPD, 7

what outcomes should be measured in patients with COPD? 327 Renal dialysis: See Hemodialysis

Renal disease: See Kidney

Reoperation: See Surgery

Reperfusion injury, effect of ischemic preconditioning on myocardial protection in coronary artery bypass graft patients: can the free radicals act as a trigger for ischemic preconditioning? 1061

Research: See also Impact of basic research on tomorrow's medicine (feature); asthma, utility of peak flow, symptom scores, and β-agonist use as outcome measures in, 1027

bacteria and COPD exacerbations redux, 663, 666 deception in bronchodilator inhaler use, 1291, 1292

definitions in sleep-disordered breathing, 1287

ethics, 321

evidence base for management of acute exacerbations of COPD: clinical practice guideline, part 1, 1185

expanding knowledge of lung volume reduction, 1300

gene therapy for pulmonary diseases, 613

hazards of lung cancer screening: three vignettes and a critique, 659, 660

intensive care, do surrogate decision makers provide accurate consent for? 603

lung cancer overdiagnosis bias: "the gyanousa am loose!" 322

management of acute exacerbations of COPD: a summary and appraisal of published evidence, 1190

pulmonary artery catheterization in the ICU/critical care unit: indications and contraindications, 999

steroids for acute exacerbations of COPD: how long is enough? 675

to sleep deeply, perchance to wake refreshed, 1633

underestimation of mortality following lung volume reduction surgery resulting from incomplete follow-up, 1056

Reserve Officer Training Corps, methacholine challenge testing in cadets, 701

Residents, why blame private practitioners? 1288

Resistance, microbial: See Drug resistance

Resource utilization, predictors of mortality and, in cirrhotic patients admitted to the medical ICU, 1489

Respiration: See also Dyspnea; Work of breathing; auditory detection of simulated crackles in breath sounds, 1886

breath-to-breath variability correlates with apnea-hypopnea index in obstructive sleep apnea, 451

risk factors for sleep bruxism in the general population, 53

sleep-disordered breathing, definitions in, 1287

sleep-disordered breathing in middle-aged adults predicts no significantly higher rates of traffic violations, 1623

sleep-disordered, community study of, in middle-aged Chinese men in Hong Kong, 62

weaning the difficult patient: the evolution from art to science, 7 Respiration, artificial: See also Extubation; Intubation; Ventilator weaning; clinical application of a prognostic model for severe community-acquired pneumonia, 312, 313 critical interactions: man and machine, 996

do blood transfusions improve outcomes related to mechanical ventilation? 1850

epidemiology of psychiatric medication use in patients recovering from critical illness at a long-term acute-care facility, 547

factors associated with prolonged mechanical ventilation following coronary artery bypass surgery, 537

GI complications in patients receiving mechanical ventilation, 1222 home noninvasive ventilation, is it safe for patients with chronic hypercapnic respiratory failure undergoing, to discontinue ventilation briefly? 1379

home ventilator low-pressure alarms fail to detect accidental decannulation with pediatric tracheostomy tubes, 562

hospital-acquired infections, Feb. Suppl., 371S-430S

long-term ventilation for patients with Duchenne muscular dystrophy: physicians' beliefs and practices, 940

lung transplantation after long-term mechanical ventilation: results and 1-year follow-up, 224

noninvasive mechanical ventilation improves endurance performance in patients with chronic respiratory failure due to thoracic restriction, 1371

obesity hypoventilation syndrome can be treated with noninvasive mechanical ventilation, 1102

outcomes in post-ICU mechanical ventilation: a therapist-implemented weaning protocol, 236

predictors of outcome for patients with COPD requiring invasive mechanical ventilation, 1840

propofol vs midazolam for ICU sedation: a Canadian multicenter randomized trial, 1151

respiratory changes in aortic blood velocity as an indicator of fluid responsiveness in ventilated patients with septic shock, 867

row-a-boat phenomenon: respiratory compensation in advanced Duchenne muscular dystrophy, 1836

should patients with neuromuscular disease be denied the choice of the treatment of mechanical ventilation? 683

sleep in critically ill patients requiring mechanical ventilation, vol. 117:809-818; erratum, vol. 119:993

status asthmaticus in children: a review, 1913

Respiratory arrest in the eye clinic, 1953

Respiratory care, outcomes in post-ICU mechanical ventilation: a therapist-implemented weaning protocol, 236

Respiratory compensation, row-a-boat phenomenon: in advanced Duchenne muscular dystrophy, 1836

Respiratory distress syndrome, evaluating the validity of responsiveness to inhaled nitric oxide in pediatric patients with ARDS: an analytic tool, 1166

high-frequency ventilation and the prevention of ventilator-associated lung injury, 1978

Respiratory distress syndrome, adult, clinical correlation with changing radiographic appearance during partial liquid ventilation, incidence and predictors of, after cardiac surgery, 884

pentoxifylline rescue preserves lung function in isolated canine lungs injured with phorbol myristate acetate, 1893

pulmonary injury after cardiopulmonary bypass, 2

risk factors for, in the United States: analysis of the 1993 National Mortality Followback Study, 1179

thoracoscopy tale poudrage: a 15-year experience, 801

Respiratory failure: See also Respiration, artificial; acute, associated with pulmonary cryptococcosis in non-AIDS patients, 1865 acute hypoxic; pharyngitis, splenomegaly, hilar, and peripheral

adenopathy in a 29-year-old man with, 1586

acute, randomized trial of prolonged prone positioning in children

bronchoscopy via continuous positive airway pressure for patients with, 670

chronic, caregiver strain associated with tracheostomy in, 1498 chronic eosinophilic pneumonia presenting with recurrent massive bilateral pleural effusion: case report, 968

chronic hypercapnic, is it safe for patients with, undergoing home noninvasive ventilation to discontinue ventilation briefly?

chronic, noninvasive mechanical ventilation improves endurance performance in patients with, due to thoracic restriction, 1371

efficacy of IV theophylline in children with severe status asthmaticus. 1480

epidemiology of psychiatric medication use in patients recovering from critical illness at a long-term acute-care facility, 547 influenza pneumonia: a descriptive study, 1717

obesity hypoventilation syndrome can be treated with noninvasive mechanical ventilation, 1102

predictors of outcome for patients with COPD requiring invasive mechanical ventilation, 1840

prognostic markers of short-term mortality in AIDS-associated Pneumocystis carinii pneumonia, 844

pulmonary and systemic distribution and elimination of perflubron from adult patients treated with partial liquid ventilation, 515 severe pectus excavatum associated with cor pulmonale and

chronic respiratory acidosis in a young woman, 1957 size and composition changes in diaphragmatic fibers in rats exposed to chronic hypercapnia, 565

status asthmaticus in children: a review, 1913

systemic glucocorticoids in severe exacerbations of COPD, 726

Respiratory function: See Pulmonary function Respiratory infections: See Pulmonary infections

Respiratory insufficiency, tracheal injury caused by ingested paraquat, 1956

Respiratory muscles, assessing inspiratory muscle strength in patients with neurologic and neuromuscular diseases: comparative evaluation of two noninvasive techniques, 1108

bilateral phrenic paralysis in a patient with systemic lupus erythematosus, 1274

dysfunction, clinical aspects of, in the critically ill, 926

noninvasive mechanical ventilation improves endurance performance in patients with chronic respiratory failure due to thoracic restriction, 1371

pulmonary dysfunction in adults with nephropathic cystinosis, 394 row-a-boat phenomenon: respiratory compensation in advanced Duchenne muscular dystrophy, 1836

strength, angiotensin-converting enzyme inhibitor therapy improves [it] in patients with heart failure, 1755

Respiratory therapy, management of acute exacerbations of COPD: a summary and appraisal of published evidence, 1190

Reteplase, antithrombotic therapy, Jan. Suppl., 1S-370S

Retrobulbar anesthesia-induced central respiratory arrest in the eye clinic, 1953

Revascularization, long-term prognostic value of dobutamine stress echocardiography in patients with atrial fibrillation, 144

percutaneous, unusual complication of retrograde dissection to the coronary sinus of Valsalva during: a single-catheter experience and literature review, 493

Review, editorial: See Publishing

Reviews (feature), anti-inflammatory effects of leukotriene-modifying drugs and their use in asthma, 1533

current status of the implantable cardioverter-defibrillator, 1210

qualitative systematic overview of the measurement properties of functional walk tests used in the cardiorespiratory domain,

resolution of pleural effusions, 1547

status asthmaticus in children: a review, 1913

stress testing in cardiac evaluation: current concepts with emphasis on the ECG, 907

tissue plasminogen activator for the treatment of deep venous thrombosis of the lower extremity: a systematic review, 572 Rheumatic disease, antithrombotic therapy, Jan. Suppl., 1S-370S

Rib cage, thoracic dimensions at maximum lung inflation in normal subjects and in patients with obstructive and restrictive lung diseases, 376

Rifampin, acceptability of short-course pyrazinamide treatment and, of latent tuberculosis infection among jail inmates, 833

treatment of isoniazid-resistant tuberculosis in southeastern Texas, 1730

tuberculosis in correctional facilities: a nightmare without end in sight, 681

Wegener's granulomatosis responding to antituberculous drugs, 643

Right ventricle: See Ventricle, right

Rimantadine, influenza pneumonia in thoracic organ transplant recipients: what can we do to avoid it? 997

influenza pneumonia: a descriptive study, 1717

Risk factors: See Age and aging; Men; Pneumonia, Pneumocystis carinii; Pulmonary embolism; Respiratory distress syndrome, adult; Sleep, bruxism; Women

RNA: See Genetics

Roentgenogram of the month, asymptomatic right tracheobronchial mass on chest radiograph, 1582

calcification at the left cardiac border, 618

intralobar pulmonary sequestration, 990, 991

lung mass in a smoker, 947

patient with palpitations and bilateral pulmonary infiltrates, 1951 seizure in a scuba diver, 285

solitary pulmonary nodule with zoonotic implications, 1250 ROTC: See Reserve Officer Training Corps

Roundworms, solitary pulmonary nodule with zoonotic implications,

Row-a-boat phenomenon: See Duchenne muscular dystrophy

S-100 protein: See Glial protein S-100

Salbutamol: See Albuterol

Salmeterol, conventional asthma therapy and, 986, 987

deleterious effects of inhaled  $\beta$ -agonists: short-acting and long-acting agents differ, 1297

effectiveness and safety of, in nonspecialist practice settings, 714 evaluation of montelukast or, as second-line therapy for asthma not controlled with inhaled corticosteroids, 1021

optimizing bronchodilator therapy for COPD, 1628

plus theophylline combination therapy in the treatment of COPD,

tolerance to the protective effect of, on allergen challenge can be partially restored by the withdrawal of salmeterol regular treatment, 1671

Salmonella, hospital-acquired infections, Feb. Suppl., 371S-430S Saphenous vein, antithrombotic therapy, Jan. Suppl., 1S-370S

Sarcoidosis, gene polymorphism of tumor necrosis factor-β, but not that of tumor necrosis factor-α, is associated with the prognosis of, 753

involving multiple systems: diagnostic and therapeutic challenges, 1593

pulmonary, functional significance of the decreased attenuation sign on expiratory CT in: report of four cases, 1270

recurrent pulmonary, in HIV-infected patients receiving highly active antiretroviral therapy, 978

resolution of pleural effusions, 1547

top ten list in, 1930

tumor necrosis factor polymorphism in, 678

Schwannoma, phrenic nerve, diaphragmatic eventration: an uncommon presentation of, 1615

Scintigraphy, usefulness of pulmonary vascular leakiness assessment in interstitial pneumonitis, 1455

Sclerosis, progressive systemic, exhaled nitric oxide is elevated in patients with, without interstitial lung disease, 1449

systemic, loss of endothelium-dependent vascular tone control in,  $672\,$ 

Screening, radiographic: See Radiography

Scuba divers: See Diving

Sedation, for pediatric bronchoscopy, 316

propofol vs midazolam for ICU: a Canadian multicenter randomized trial, 1151

status asthmaticus in children: a review, 1913

Seizure in a scuba diver, 285

sE-selectin, increased endothelial injury in septic patients with coronary artery disease, 874

Self-care, antithrombotic therapy, Jan. Suppl., 1S-370S

telephone-linked computer system for COPD care, 1565

Sepsis, increased endothelial injury in septic patients with coronary artery disease, 874

risk factors for ARDS in the United States: analysis of the 1993 National Mortality Followback Study, 1179

severe, filgrastim in patients with pneumonia and septic shock or, 523

Septic shock: See Shock, septic

Seroma, postpneumonectomy, late mediastinal shift after repeated aspiration of, 975

Serotonin, receptor antagonist, effect of, on interleukin-6-induced pulmonary hypertension in rats, 554

Serratia marcescens, hospital-acquired infections, Feb. Suppl., 371S-430S

Serum cholesterol: See Cholesterol

Severity of illness, determinants of different dimensions of, in asthma and COPD: pulmonary function and health-related quality of life, 1034

hospital-acquired infections, Feb. Suppl., 371S-430S

influence of gender on rates of hospitalization, hospital course, and hypercapnia in high-risk patients admitted for: a 10-year retrospective study at Yale-New Haven hospital, 115

paradoxical vocal cord movement, 1619

prolonged oxygen kinetics during early recovery from maximal exercise in adult patients with cystic fibrosis, 1073

systemic glucocorticoids in severe exacerbations of COPD, 726 top ten list in pneumonia, 1563

utility of peak flow, symptom scores, and  $\beta\mbox{-agonist}$  use as outcome measures in asthma clinical research, 1027

value of a hospitalist service: efficient care for the aging population? 580

Shock, incidence and predictors of ARDS after cardiac surgery, 884 Shock, septic, filgrastim in patients with pneumonia and severe sepsis or, 523

respiratory changes in aortic blood velocity as an indicator of fluid responsiveness in ventilated patients with, 867

Shunt, iatrogenic paradoxical air embolism in pulmonary hypertension, 1602

platypnea-orthodeoxia syndrome: a probably underestimated syndrome? 1624

"Silk Route disease": See Behçet's disease

Silver nitrate, experimental pleurodesis in rabbits induced by talc or: 1-year follow-up, 1516

pleurodesis and, 1624

Sinus of Valsalva, coronary, unusual complication of retrograde dissection to, during percutaneous revascularization: a singlecatheter experience and literature review, 493

SIRS: See Systemic inflammatory response syndrome

Skin, cells of asthma, 1299

critical interactions: man and machine, 996

multiple aseptic pulmonary nodules with central necrosis in association with pyoderma gangrenosum, 977

Sleep, analysis of inspiratory flow shapes in patients with partial upper-airway obstruction during, 37

bruxism, risk factors for, in the general population, 53 clarification of study procedures, 673

daytime sleepiness and EEG spectral analysis in apneic patients before and after treatment with continuous positive airway

daytime sleepiness, slow-wave activity in sleep apnea patients before and after continuous positive airway pressure treatment: contribution to, 1807

daytime sleepiness, to sleep deeply, perchance to wake refreshed,

-disordered breathing, community study of, in middle-aged Chinese men in Hong Kong, 62

-disordered breathing, definitions in, 1287

-disordered breathing in middle-aged adults predicts no significantly higher rates of traffic violations, 1623

impairment of vascular endothelial function and left ventricular filling: association with the severity of apnea-induced hypoxemia during, 1085

in critically ill patients requiring mechanical ventilation, vol. 117: 809-818; erratum, vol. 119:993

performance of nasal prongs in sleep studies: spectrum of flowrelated events, 442

predictability of oxygen desaturation during, in patients with cystic fibrosis: clinical, spirometric, and exercise parameters, 434

-related breathing disorders in adolescents aged 12 to 16 years: clinical and polygraphic findings, 1393

to sleep deeply, perchance to wake refreshed, 1633 tools, 1303

Sleep apnea-hypopnea syndrome, performance of nasal prongs in sleep studies: spectrum of flow-related events, 442

treatment effects on carbon dioxide retention in patients with,

Sleep apnea syndrome, slow-wave activity in sleep apnea patients before and after continuous positive airway pressure treatment: contribution to daytime sleepiness, 1807

Sleep apnea syndromes, obstructive, analysis of inspiratory flow shapes in patients with partial upper-airway obstruction during sleep, 37

attention deficit hyperactivity disorder in adults and, 294

Brahms' illness, 985

breath-to-breath variability correlates with apnea-hypopnea index

community study of sleep-disordered breathing in middle-aged Chinese men in Hong Kong, 62

complicated, unreliability of automatic scoring of MESAM 4 in assessing patients with, 1387

continuous positive airway pressure normalizes cardiac autonomic and hemodynamic responses to a laboratory stressor in apneic

daytime sleepiness and EEG spectral analysis in apneic patients before and after treatment with continuous positive airway pressure, 45

definitions in sleep-disordered breathing, 1287

global perspective, 4

hemodynamic effects of simulated obstructive apneas in humans with and without heart failure, 1827

-hypopnea syndrome, performance of nasal prongs in sleep studies: spectrum of flow-related events, 442

-hypopnea syndrome, treatment effects on carbon dioxide retention in patients with, 1814

impairment of vascular endothelial function and left ventricular filling: association with the severity of apnea-induced hypoxemia during sleep, 1085

musical snoring, 1621

nasal obstruction and sleep apnea, 1620

nasal symptoms secondary to the use of continuous positive airway pressure in, 310, 311, 312

predictive factors for the need for additional humidification during nasal continuous positive airway pressure therapy, 460

risk factors for sleep bruxism in the general population, 53 sleep tools, 1303

sleep-related breathing disorders in adolescents aged 12 to 16 years: clinical and polygraphic findings, 1393

to sleep deeply, perchance to wake refreshed, 1633

underestimation of nocturnal hypoxemia due to monitoring conditions in patients with COPD, 1820

Sleep bruxism, risk factors for, in the general population, 53

Sleepiness: See Sleep

Slow waves: See Sleep

Smoke, short-term effects of wood smoke exposure on the respiratory system among charcoal production workers, 1260 Smoking, cessation, bupropion for: predictors of successful outcome.

1357

characteristics: differences in attitudes and dependence between healthy smokers and smokers with COPD, 1365

cigarette, and the risk of pulmonary metastasis from breast cancer,

cigarette, pulmonary metastases and breast carcinoma: coincidence or causality? 1627

early detection of COPD in a high-risk population using spirometric screening, 731

lung mass in a smoker, 947

no association of tumor necrosis factor- $\alpha$  gene polymorphism and COPD in Caucasian smokers and Japanese smokers, 315

respiratory symptoms, and diseases: a comparative study between northern Sweden and northern Finland; report from the FinEsS study, 852

Sniff maneuver, assessing inspiratory muscle strength in patients with neurologic and neuromuscular diseases: comparative evaluation of two noninvasive techniques, 1108

Snoring, clarification of sleep study procedures, 673

community study of sleep-disordered breathing in middle-aged Chinese men in Hong Kong, 62

definitions in sleep-disordered breathing, 1287

musical, 1621

nasal obstruction and sleep apnea, 1620 sleep-related breathing disorders in adolescents aged 12 to 16 years: clinical and polygraphic findings, 1393

Social support, psychological functioning of adults with cystic fibrosis, 1079

Socioeconomic factors, asthma and the risk of hospitalization in Canada: the role of demographic factors and, 708

Sodium bicarbonate, evaluating controversy, 1622 Somalia, Mycobacterium tuberculosis disease in Somali immigrants in Minnesota, 176

Somatostatin, treatment of chylothorax, 964

Soup: See Nutrition

Special reports, evidence base for management of acute exacerbations of COPD: clinical practice guideline, part 1, 1185

management of acute exacerbations of COPD: a summary and appraisal of published evidence, 1190

value of a hospitalist service: efficient care for the aging population? 580

Specialties, value of a hospitalist service: efficient care for the aging population? 580

Spinal fluid: See Cerebrospinal fluid

Spirometry, evidence base for management of acute exacerbations of COPD: clinical practice guideline, part 1, 1185

exhaled nitric oxide correlated with induced sputum findings in COPD, 1049

gender bias in the diagnosis of COPD, 1691

management of acute exacerbations of COPD: a summary and appraisal of published evidence, 1190

postoperative incentive, efficacy of, is influenced by the devicespecific imposed work of breathing, 1858

predictability of oxygen desaturation during sleep in patients with cystic fibrosis: clinical, spirometric, and exercise parameters, 434

screening, early detection of COPD in a high-risk population using,

Spleen, pharyngitis, splenomegaly, hilar, and peripheral adenopathy in a 29-year-old man with acute hypoxic respiratory failure, 1586 Splenomegaly: See Spleen

Sports, seizure in a scuba diver, 285

Sputum, appropriate microbiological testing in community-acquired pneumonia, 5

bacteria and COPD exacerbations redux, 663, 666

cells of asthma, 1299

effect of physical and chemical methods of homogenization on inflammatory mediators in, of asthma patients, 1521

exhaled nitric oxide correlated with induced sputum findings in COPD, 1049

interleukin-8, increased, heterogeneity of airway inflammation in persistent asthma: evidence of neutrophilic inflammation and, 1329

nonvalue of the initial microbiological studies in the management of nonsevere community-acquired pneumonia, 181

ST-segment elevation in precordial leads: anterior or right ventricular myocardial infarction? 290

Staphylococcus aureus, etiology of community-acquired pneumonia requiring hospitalization in Japan, 1295

hospital-acquired infections, Feb. Suppl., 371S-430S influenza pneumonia: a descriptive study, 1717

Staples, surgical, asymptomatic expectoration of, complicating lung volume reduction surgery, 307

Statistics, blebs and/or bullae are of no importance and have no predictive value for recurrences in patients with primary spontaneous pneumothorax, 1976, 1977

cigarette smoking, pulmonary metastases and breast carcinoma: coincidence or causality? 1627

CT scanning and bilateral surgery for unilateral primary pneumothorax? 1293, 1294

Status asthmaticus, in children: a review, 1913

lactic acidosis in: three cases and review of the literature, 1599 severe, efficacy of IV theophylline in children with, 1480

Stenotrophomonas maltophilia, hospital-acquired infections, Feb. Suppl., 3718-430S

Stent, endovascular, placement, treatment of pulmonary artery compression due to fibrous mediastinitis with, 966

tracheobronchial, successful bronchoscopic placement of, without fluoroscopy, 1910

unusual complication of retrograde dissection to the coronary sinus of Valsalva during percutaneous revascularization: a singlecatheter experience and literature review, 493 Sterilization, video-assisted thoracoscopic, for exacerbation of chronic

Sterilization, video-assisted thoracoscopic, for exacerbation of chronic empyema thoracis, 277

Sternotomy, evaluation of different minimally invasive techniques in pediatric cardiac surgery: is a full sternotomy always a necessity? 622

Steroids, anabolic: See Anabolic steroids

Stomach, ballooning of, and bilevel nasal positive airway pressure, 1965

GI complications in patients receiving mechanical ventilation, 1222 Streptococcus pneumoniae: See also Pneumonia, pneumococcal; antigen, detection of, by a rapid immunochromatographic assay in urine samples, 243

appropriate microbiological testing in community-acquired pneumonia, 5

bacteria and COPD exacerbations redux, 663, 666

etiology of community-acquired pneumonia requiring hospitalization in Japan, 1295

hospital-acquired infections, Feb. Suppl., 371S-430S

oral moxifloxacin vs high-dosage amoxicillin in the treatment of mild-to-moderate, community-acquired, suspected pneumococcal pneumonia in adults, 185

resolution of pleural effusions, 1547 top ten list in pneumonia, 1563

urinary antigen test for diagnosis of pneumococcal pneumonia, 9

Streptococcus pyogenes, group A β-hemolytic pneumonia; pleurisy, fever, and rapidly progressive pleural effusion in a healthy,

29-year-old physician, 1266 Streptokinase, antithrombotic therapy, Jan. Suppl., 1S-370S

Stress, psychological, caregiver strain associated with tracheostomy in chronic respiratory failure, 1498

Stress-related mucosal damage, GI complications in patients receiving mechanical ventilation, 1222

Stress testing: See Exercise

Strobovideolaryngoscopy, paradoxical vocal cord movement, 1619

Stroke, angiotensin-converting enzyme inhibitors, angiotensin-II receptor antagonists and pneumonia in elderly hypertensive patients with, 660, 661

antithrombotic therapy, Jan. Suppl., 1S-370S

Stroke volume, effect of right ventricular dysfunction on left ventricular form and function, 1632 impaired left ventricular filling due to right ventricular pressure overload in primary pulmonary hypertension: noninvasive monitoring using MRI, 1761

Subglottic suctioning: See Suctioning

Substance abuse, continuous calcium chloride infusion for massive nifedipine overdose, 1280

increased lower respiratory tract iron concentrations in alkaloidal ("crack") cocaine users, 422

Suctioning, continuous subglottic, for the prevention of ventilatorassociated pneumonia: potential economic implications, 228

Sudden cardiac death: See Heart

Suicide, attempted, continuous calcium chloride infusion for massive nifedipine overdose, 1280

Sulfur dioxide, anti-inflammatory and lung function effects of montelukast in asthmatic volunteers exposed to, 402

Supine position: See Posture

Supraventricular tachycardia: See Tachycardia

Surfactant protein B, abnormal messenger RNA, focal congenital alveolar proteinosis associated with, 645

Surgery: See also Postoperative complications; Postoperative period; names of specific procedures or types of surgery, eg, Coronary artery bypass graft; Heart surgery

antithrombotic therapy, Jan. Suppl., 1S-370S

bilateral, CT scanning and, for unilateral primary pneumothorax? 1293, 1294

diaphragmatic eventration: an uncommon presentation of a phrenic nerve schwannoma, 1615

extensive sampling improves preoperative bronchoscopic assessment of airway invasion by supracarinal esophageal cancer: a prospective study in 166 patients, 1652

lung cancer resection or aortic graft replacement with simultaneous myocardial revascularization without cardiopulmonary bypass, 1941

management of a patient with angina pectoris, 287

management of non-small cell lung cancer with synchronous brain metastases, 1469

management of spontaneous pneumothorax: an American College of Chest Physicians Delphi Consensus Statement, 590

medical and surgical treatment of parapneumonic effusions: an evidence-based guideline, vol. 118:1158; erratum, vol. 119:319 prosthetic reconstruction of the resected diaphragm: the way to go,

pulmonary resection for metastases from colorectal cancer, 1069 spectrum of pulmonary neuroendocrine neoplasms, 14

symptomatic persistent post-coronary artery bypass graft pleural effusions requiring operative treatment: clinical and histologic features, 795

utility of blind forceps biopsy of the main carina and upper-lobe carina in patients with non-small cell lung cancer, 632

Surgical staples: See Staples, surgical

Surveys: See Questionnaires

Survival: See also Mortality; Outcomes; clinical application of a prognostic model for severe community-acquired pneumonia, 312, 313

lung transplantation after long-term mechanical ventilation: results and 1-year follow-up, 224

patients with severe congestive heart failure, long-term intermittent dobutamine infusion combined with oral amiodarone improves, 1173

Sutures, asymptomatic expectoration of surgical staples complicating lung volume reduction surgery, 307

Swan-Ganz pulmonary artery catheter: See Catheters

Sweden, smoking, respiratory symptoms, and diseases: a comparative study between northern Sweden and northern Finland; report from the FinEsS study, 852

Swine, methacholine-induced temporal changes in airway geometry and lung density by CT, 1878

Sympathetic nervous system, continuous positive airway pressure normalizes cardiac autonomic and hemodynamic responses to a laboratory stressor in apneic patients, 1092

Synchronized intermittent mandatory ventilation, weaning the difficult patient: the evolution from art to science, 7

Syncope, in a patient with cervical tumor and prolonged QT interval, 992 quinidine as an antiarrhythmic, 1617, 1618

Syphilis, musical snoring, 1621

Systemic inflammatory response syndrome, evidence for inflammatory responses of the lungs during coronary artery bypass grafting with cardiopulmonary bypass, 31

pulmonary injury after cardiopulmonary bypass, 2

Systemic lupus erythematosus: See Lupus erythematosus, systemic Systole, effect of right ventricular dysfunction on left ventricular form and function, 1632

Systolic function, left ventricular wall stress during leg-press exercise performed with a brief Valsalva maneuver, 150

Systolic hypertension, seniors and: an unanswered call to arms, 323

Tacholiquine, inhalation and aspirin-induced asthma, 670

Tachycardia, antithrombotic therapy, Jan. Suppl., 1S-370S

supraventricular, current status of the implantable cardioverterdefibrillator, 1210

ventricular, syncope in a patient with cervical tumor and prolonged QT interval, 992

Tachypnea, marked, in siblings with chronic beryllium disease due to copper-beryllium alloy, 647

Takayasu's arteritis, nitric oxide and molsidomine in the management of pulmonary hypertension in, 302

Tale, experimental pleurodesis in rabbits induced by silver nitrate or: 1-year follow-up, 1516

particles, Coulter counter registers [them] as leukocytes, 669 pleurodesis and silver nitrate, 1624

poudrage, thoracoscopy [with]: a 15-year experience, 801

preparations used for pleurodesis vary markedly from one preparation to another, 1901

Tamponade, cardiac: See Cardiac tamponade

Tazobactam, hospital-acquired infections, Feb. Suppl., 371S-430S systemic antibiotics fail to clear multidrug-resistant Klebsiella from a pediatric ICU, 862

Teeth grinding: See Bruxism

Telangiectasia, hereditary hemorrhagic, transcatheter embolotherapy of maternal pulmonary arteriovenous malformations during pregnancy, 470

Telephone-linked computer system for COPD care, 1565

Temperature, nasal symptoms secondary to the use of continuous positive airway pressure in sleep apnea, 310, 311, 312

predictive factors for the need for additional humidification during nasal continuous positive airway pressure therapy, 460

Tenecteplase, antithrombotic therapy, Jan. Suppl., 1S-3708

Terminal care, motivating factors in futile clinical interventions, 1944 Texas, treatment of isoniazid-resistant tuberculosis in southeastern, 1730

Theophylline, IV, efficacy of, in children with severe status asthmaticus, 1480

optimizing bronchodilator therapy for COPD, 1628

salmeterol plus, combination therapy in the treatment of COPD, 1661

status asthmaticus in children: a review, 1913

Thermocouples, definitions in sleep-disordered breathing, 1287 Thienopyridines, antithrombotic therapy, Jan. Suppl., 18-370S

Thoracentesis, chest radiography following, 1289

use of smaller, more flexible chest drains following open heart surgery: an initial evaluation, 19

Thoracic restriction, noninvasive mechanical ventilation improves endurance performance in patients with chronic respiratory failure due to, 1371

Thoracic surgery, diltiazem treatment does not alter renal function after, 1476

Thoracoscopy, medical and surgical treatment of parapneumonic effusions: an evidence-based guideline, vol. 118:1158; erratum, vol. 119:319

tale poudrage: a 15-year experience, 801

video-assisted sterilization for exacerbation of chronic empyema thoracis 277

Thoracotomy, lateral, evaluation of different minimally invasive techniques in pediatric cardiac surgery: is a full sternotomy always a necessity? 622

use of smaller, more flexible chest drains following open heart surgery: an initial evaluation, 19

utility of blind forceps biopsy of the main carina and upper-lobe carina in patients with non-small cell lung cancer, 632

Thrombin inhibitors, antithrombotic therapy, Jan. Suppl., 18-370S Thrombocytopenia, antithrombotic therapy, Jan. Suppl., 18-370S

Thromboembolism, antithrombotic therapy, Jan. Suppl., 18-3708 asymptomatic atrial fibrillation: problems of management, 628

how safely and for how long can warfarin therapy be withheld in prosthetic heart valve patients hospitalized with major hemorrhage? 478

venous, tissue plasminogen activator for the treatment of deep venous thrombosis of the lower extremity: a systematic review, 572

Thrombolysis, antithrombotic therapy, Jan. Suppl., 18-370S Thrombophilia, antithrombotic therapy, Jan. Suppl., 18-370S

Thrombosis: See also Antithrombotic therapy; antithrombotic therapy, Jan. Suppl., 1S-370S

deep venous, tissue plasminogen activator for the treatment of, of the lower extremity: a systematic review, 572

Thromboxane, antithrombotic therapy, Jan. Suppl., 1S-370S Thyroid disease, pulmonary arterial hypertension and, 1980

Ticlopidine, antithrombotic therapy, Jan. Suppl., 15-3708 -induced interstitial pulmonary disease: a case report, 1963

Tidal expiratory flow limitation, orthopnea and, in patients with stable COPD, 99

Tidal volume, row-a-boat phenomenon: respiratory compensation in advanced Duchenne muscular dystrophy, 1836

Time, comparisons of peak diurnal expiratory flow variation, post-bronehodilator  ${\rm FEV}_1$  responses, and methacholine inhalation challenges in the evaluation of suspected asthma, 1001

extubation failure in a large pediatric ICU population, 897

fluticasone and cortisol measurements, 984 half-life of blood carboxyhemoglobin, 661, 662

predictors of outcome for patients with COPD requiring invasive mechanical ventilation, 1840

slow-wave activity in sleep apnea patients before and after continuous positive airway pressure treatment: contribution to daytime sleepiness, 1807

steroids for acute exacerbations of COPD: how long is enough? 675 to sleep deeply, perchance to wake refreshed, 1633

Tirofiban, antithrombotic therapy, Jan. Suppl., 1S-370S

Tissue plasminogen activator, antithrombotic therapy, Jan. Suppl., 1S-370S

for the treatment of deep venous thrombosis of the lower extremity: a systematic review, 572

Tobacco: See Smoking

Tomography, computed, blebs and/or bullae are of no importance and have no predictive value for recurrences in patients with primary spontaneous pneumothorax, 1976, 1977 electron-beam; methacholine-induced temporal changes in airway

geometry and lung density by, 1878

high-resolution, expiratory, functional significance of the decreased attenuation sign on, in pulmonary sarcoidosis: report of four cases, 1270

management of spontaneous pneumothorax: an American College of Chest Physicians Delphi Consensus Statement, 590

quantitative, short-term and long-term outcomes after bilateral lung volume reduction surgery: prediction by, 1337

scanning and bilateral surgery for unilateral primary pneumothorax? 1293, 1294

spiral, strategies incorporating, for the diagnosis of acute pulmonary embolism: a cost-effectiveness analysis, 1791

Tomography, positron emission, in the staging of small-cell lung cancer: a preliminary study, 950

staging by, predicts survival in patients with non-small cell lung

Torsades de pointes, quinidine as an antiarrhythmic, 1617, 1618 syncope in a patient with cervical tumor and prolonged QT interval, 992

Trachea, asymptomatic right tracheobronchial mass on chest radiograph, 1582

atresia following repeated percutaneous dilational tracheotomy, 961

Tracheal extubation: See Extubation

Tracheal injury caused by ingested paraquat, 1956

Tracheal neoplasms, endoluminal metastases of the tracheobronchial tree: is there any way out? 679

endotracheal/endobronchial metastases: clinicopathologic study with special reference to developmental modes, 768 Tracheal smooth muscle, pharmacologic properties of brewery dust

extracts in vitro, 1870

Tracheal stenosis, complications of percutaneous tracheostomy, 1282
Tracheitis, spectrum of Aspergillus infection in lung transplant
recipients: case series and review of the literature, 169

Tracheobronchomegaly, a 60-year-old man with recurrent pneumonias, 1590

Tracheomalacia, prevalence of gastroesophageal reflux in children with laryngomalacia and, 409

Tracheostoma, evaluation of different minimally invasive techniques in pediatric cardiac surgery: is a full sternotomy always a necessity? 622

Tracheostomy, caregiver strain associated with, in chronic respiratory failure, 1498

paradoxical vocal cord movement, 1619

percutaneous, complications of, 1282

tubes, pediatric, home ventilator low-pressure alarms fail to detect accidental decannulation with, 562

Tracheotomy, repeated percutaneous dilational, atresia of the trachea following, 961

Traffic violations: See Automobiles

Transbronchial needle aspiration: See Biopsy

Transcatheter embolotherapy: See Embolotherapy

Transcranial Doppler ultrasonography: See Ultrasonography Transfusions: See Blood

Transmembrane conductance regulator gene: See Cystic fibrosis

Transplantation: See also Heart transplantation; Liver transplantation; Lung transplantation; acute respiratory failure associated with pulmonary cryptococcosis in non-AIDS patients, 1865

study of consecutive autopsies in a medical ICU: a comparison of clinical cause of death and autopsy diagnosis, 530

Transudates: See Exudates and transudates

Trapped lung syndrome, use of an implantable pleural catheter for trapped lung syndrome in patients with malignant pleural effusion, 1641

Trauma, antithrombotic therapy, Jan. Suppl., 1S-370S

Treadmill tests: See Exercise

Trimethaphan, diazoxide and, 316

Trimethoprim/sulfamethoxazole, Wegener's granulomatosis responding to antituberculous drugs, 643

Tuberculosis, cigarette smoking, pulmonary metastases and breast carcinoma: coincidence or causality? 1627

disseminated, severe immune hemolytic anemia in, with response to antituberculosis therapy, 1961

evaluation of polymerase chain reaction for detection of Mycobacterium tuberculosis in pleural fluid, 1737

in correctional facilities: a nightmare without end in sight, 681 isoniazid-resistant, treatment of, in southeastern Texas, 1730

latent infection, acceptability of short-course rifampin and pyrazinamide treatment of, among jail inmates, 833

multidrug-resistant, why blame private practitioners? 1288

Mycobacterium tuberculosis disease in Somali immigrants in Minnesota, 176

primary pulmonary, pediatric, microbiology of, 1434

pulmonary, BAL neopterin: a novel marker for cell-mediated immunity in patients with lung cancer and, 776

resolution of pleural effusions, 1547

transmission of Mycobacterium tuberculosis to a funeral director during routine embalming, 640

video-assisted thoracoscopic sterilization for exacerbation of chronic empyema thoracis, 277

Tumor markers, diagnostic value of CYFRA 21–1 and CEA in pleural effusion due to mesothelioma, 1138

Tumor necrosis factor, hospital-acquired infections, Feb. Suppl., 371S-430S

polymorphism in sarcoidosis, 678

Tumor necrosis factor-α, gene polymorphism and COPD in Caucasian smokers and Japanese smokers, no association of, 315

pulmonary injury after cardiopulmonary bypass, 2

Tumor necrosis factor-β, gene polymorphism of, but not that of tumor necrosis factor-α, is associated with the prognosis of sarcoidosis, 753

Turkey, some historical notes on Behçet's disease, 667

Ulcer, Dieulafoy's disease of the bronchus in association with a paravertebral neurilemoma, 292

multiple aseptic pulmonary nodules with central necrosis in association with pyoderma gangrenosum, 977

stress, GI complications in patients receiving mechanical ventilation, 1222

Ulcers, pressure: See Skin

Ultrasonography, placement of the esophageal Doppler ultrasound monitor probe in awake patients, 319

strategies incorporating spiral CT for the diagnosis of acute pulmonary embolism: a cost-effectiveness analysis, 1791

transcranial Doppler, coronary artery bypass performed without the use of cardiopulmonary bypass is associated with reduced cerebral microemboli and improved clinical results, 25

Umbilical artery, antithrombotic therapy, Jan. Suppl., 1S-370S

Underdiagnosis: See Diagnosis

"Uniform Requirements for Manuscripts Submitted to Biomedical Journals," ethics, 321

United States, costs of treating COPD in, 344

risk factors for ARDS in: analysis of the 1993 National Mortality Followback Study, 1179

Upper airway resistance syndrome: See Airway, upper, resistance syndrome

Uremia, resolution of pleural effusions, 1547

Urinary antigen test, for diagnosis of pneumococcal pneumonia, 9 Urinary leukotriene E<sub>4</sub> excretion during the first month of life and subsequent bronchopulmonary dysplasia in premature infants, 1749

Urine, samples, detection of *Streptococcus pneumoniae* antigen by a rapid immunochromatographic assay in, 243

Urology, antithrombotic therapy, Jan. Suppl., 1S-370S

US Defense Department, prevalence of exercise-induced bronchospasm among US Army recruits and its effects on physical performance, 1676

US National Cancer Institute, lung cancer overdiagnosis bias: "the gyanousa am loose!" 322

US National Heart, Lung, and Blood Institute, comparisons of peak diurnal expiratory flow variation, postbronchodilator FEV<sub>1</sub> responses, and methacholine inhalation challenges in the evaluation of suspected asthma, 1001

US Public Health Service, ethics, 321

Utilization review, population-based: ambulatory use of inhaled  $\beta_2\text{-agonists}$  for the treatment of asthma in Quebec, 1316

Uvulopalatopharyngoplasty, analysis of inspiratory flow shapes in patients with partial upper-airway obstruction during sleep, 37

Valsalva maneuver, brief, left ventricular wall stress during leg-press exercise performed with, 150

Valsalva, sinus of: See Sinus of Valsalva

Valvuloplasty, recurrent mitral stenosis: problems of management,

Vancomycin, hospital-acquired infections, Feb. Suppl., 371S-430S Varkey, Basil, physician education and the pharmaceutical industry,

Vascular endothelial function, impairment of, and left ventricular filling association with the severity of apnea-induced hypoxemia during sleep, 1085

Vascular endothelial growth factor in human lung transplantation, 137

Vasoconstriction, coronary vasospasm in hypertrophic cardiomyopathy, 1289, 1290

Vasodilation, coronary vasospasm in hypertrophic cardiomyopathy, 1289, 1290

loss of endothelium-dependent vascular tone control in systemic sclerosis, 672

Vasodilators, aerosolized iloprost therapy could not replace long-term IV epoprostenol (prostacyclin) administration in severe pulmonary hypertension, 296

antithrombotic therapy, Jan. Suppl., 1S-370S

comparison of the effects of nitric oxide, nitroprusside, and nifedipine on hemodynamics and right ventricular contractility in patients with chronic pulmonary hypertension, 128 nitric oxide and molsidomine in the management of pulmonary

hypertension in Takayasu's arteritis, 302

one-year continuous inhaled nitric oxide for primary pulmonary hypertension, 970

Vasopeptidase, seniors and systolic hypertension: an unanswered call to arms, 323

Vasopressors, adrenal insufficiency in high-risk surgical ICU patients, 889

VATS (video-assisted thoracoscopy): See Thoracoscopy

Vena cava, inferior, antithrombotic therapy, Jan. Suppl., 1S-370S asymptomatic right tracheobronchial mass on chest radiograph, 1582

pulmonary tumor embolism as a presenting feature of cavoatrial hepatocellular carcinoma, 657

Venous thromboembolism: See Thromboembolism

Ventilation, significance of end-tidal PCO<sub>2</sub> response to exercise and its relation to functional capacity in patients with chronic heart failure, 811

size and composition changes in diaphragmatic fibers in rats exposed to chronic hypercapnia, 565

Ventilation, mechanical: See Respiration, artificial; specific forms of ventilation, eg, Pressure support ventilation; Synchronized intermittent mandatory ventilation

Ventilation/perfusion scans, strategies incorporating spiral CT for the diagnosis of acute pulmonary embolism: a cost-effectiveness analysis, 1791

Ventilator-associated pneumonia: See Pneumonia, ventilator-associated

Ventilator weaning, clinical application of a prognostic model for severe community-acquired pneumonia, 312, 313

clinical aspects of respiratory muscle dysfunction in the critically ill, 926

do blood transfusions improve outcomes related to mechanical ventilation? 1850

extubation failure in a large pediatric ICU population, 897

factors associated with prolonged mechanical ventilation following coronary artery bypass surgery, 537

outcomes in post-ICU mechanical ventilation: a therapist-implemented weaning protocol, 236

predictors of outcome for patients with COPD requiring invasive mechanical ventilation, 1840

weaning the difficult patient: the evolution from art to science, 7 Ventricle, left, calcification at the left cardiac border, 618

dysfunction, dobutamine echocardiography in patients with aortic stenosis and: predicting outcome as a function of management strategy, 1766

effect of weight loss on the ECG of normotensive morbidly obese patients, 507

elderly patients as candidates for bypass? 318

filling, impairment of vascular endothelial function and: association with the severity of apnea-induced hypoxemia during sleep, 1085

form and function, effect of right ventricular dysfunction on, 1632 hemodynamic effects of simulated obstructive apneas in humans with and without heart failure, 1827

impaired filling due to right ventricular pressure overload in primary pulmonary hypertension: noninvasive monitoring using MRI, 1761

respiratory changes in aortic blood velocity as an indicator of fluid responsiveness in ventilated patients with septic shock, 867

wall stress during leg-press exercise performed with a brief Valsalva maneuver, 150

Ventricle, right, contractility, comparison of the effects of nitric oxide, nitroprusside, and nifedipine on hemodynamics and, in patients with chronic pulmonary hypertension, 128

effect of dysfunction on left ventricular form and function, 1632

hypertrophy, effect of a serotonin receptor antagonist on interleukin-6-induced pulmonary hypertension in rats, 554

pressure overload, impaired left ventricular filling due to, in primary pulmonary hypertension: noninvasive monitoring using MRI, 1761

ST-segment elevation in precordial leads: anterior or right ventricular myocardial infarction? 290

Ventricular rate control, acute, in atrial fibrillation: IV combination of diltiazem and digoxin vs IV diltiazem alone, 502

Vertebra, Dieulafoy's disease of the bronchus in association with a paravertebral neurilemoma, 292

Veterans, survey of the use of herbal agents among Philadelphia Veterans Affairs Medical Center pulmonary outpatients, 1981

Video-assisted thoracoscopy: See Thoracoscopy Viral infections, resolution of pleural effusions, 1547

Vital capacity, forced, changes in, during methacholine-induced bronchoconstriction in elderly patients with asthma: bronchial hyperresponsiveness and aging, 1685

optimizing bronchodilator therapy for COPD, 1628

row-a-boat phenomenon: respiratory compensation in advanced Duchenne muscular dystrophy, 1836

short-term effects of wood smoke exposure on the respiratory system among charcoal production workers, 1260

Vocal cords, paradoxical movement, 1619

von Recklinghausen disease complicated by pulmonary hypertension, 1606

Wakefulness: See Sleepiness

Wales: See Great Britain Walk tests: See Exercise

Walking: See Exercise

Wall stress: See Ventricle, left

Wang needle aspiration, utility of, in the diagnosis of actinomycosis, 1966

Warfarin, antithrombotic therapy, Jan. Suppl., 1S-370S asymptomatic atrial fibrillation: problems of management, 628

therapy, how safely and for how long can [it] be withheld in prosthetic heart valve patients hospitalized with major hemorrhage? 478

Weaning from ventilators: See Ventilator weaning

Web sites, ethics, 321

Wegener's granulomatosis, responding to antituberculous drugs, 643 Weight loss, body composition analysis and changes in airways function in obese adults after hypocaloric diet, 1409

effect of, on the ECG of normotensive morbidly obese patients, 507

Wheezing, persistent, association of airway responsiveness with asthma and, in a Chinese population, 691

relationship between bronchial hyperresponsiveness and development of asthma in wheezy infants, 685

short-term effects of wood smoke exposure on the respiratory system among charcoal production workers, 1260

Wire: See Foreign bodies

Wit and humor, chicken soup or Jewish medicine? 1295

Women, analysis of inspiratory flow shapes in patients with partial upper-airway obstruction during sleep, 37

antithrombotic therapy, Jan. Suppl., 1S-370S

asthma and the risk of hospitalization in Canada: the role of socioeconomic and demographic factors, 708

cigarette smoking and the risk of pulmonary metastasis from breast cancer, 1635

cigarette smoking, pulmonary metastases and breast carcinoma: coincidence or causality? 1627

gender bias in the diagnosis of COPD, 1691

gender moderates the effects of exercise therapy on health-related quality of life among COPD patients, 70

influence of gender on rates of hospitalization, hospital course, and hypercapnia in high-risk patients admitted for asthma: a 10-year retrospective study at Yale-New Haven hospital, 115

pulmonary carcinoid: presentation, diagnosis and outcome in 142 cases in Israel and review of 640 cases from the literature, 1647 Wood smoke: See Smoke

Work of breathing, device-specific imposed, efficacy of postoperative incentive spirometry is influenced by, 1858

World Health Organization, why blame private practitioners? 1288

Yale-New Haven Hospital: See Hospitalization

Zanamivir, influenza pneumonia in thoracic organ transplant recipients: what can we do to avoid it? 997

influenza: will new diagnostic tests and antiviral drugs make a difference? 1630

Ziehl-Neelsen stain, microbiology of pediatric primary pulmonary tuberculosis, 1434

ZstatFlu: See Influenza

## The Clinical World Congress on Diseases of the Chest

CHEST 2001, brought to you by the American College of Chest Physicians, is the only medical meeting focusing on clinical chest and critical care medicine and cardiothoracic surgery. The educational programs are diverse in scope, topic, and delivery. Target sessions, designed for the clinician and the researcher, give you the unique opportunity to:

- Increase your medical knowledge
- Maximize the care you provide for your patients
- Improve your practice management
- Learn how research is making a difference in chest medicine
- Network with other health professionals



## November 4-8

Pennsylvania Convention Center Philadelphia, Pennsylvania Abstract Deadline: May 4, 2001

800-343-2227 • 847-498-1400

www.chestnet.org

